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# PAKISTAN

## Strategy Support Program



INTERNATIONAL  
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A member of the CGIAR Consortium

# Pakistan Strategy Support Program

Cooperative Agreement AID-391-IO-00002

## Annual Report\*

July 2011 – September 2012 (FY 2012)

Submitted to:

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U.S. Agency for International Development

Submitted by:

**International Food Policy Research Institute (IFPRI)**

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\*Includes Fourth Quarter report for FY 2012, from July to September 2012.



# Pakistan Strategy Support Program

## FY 2012 Annual Report (July 2011 – September 2012)



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## ABBREVIATIONS

AERI	Agricultural Economics Research Institute
AIP	Agricultural Innovation Project
AVRDC	World Vegetable Centre
AJK	Azad Jammu Kashmir
CEMB	Center for Excellence in Molecular Biology
CERA	Center for Environmental Risk Assessment
CGE	Computable General Equilibrium
CGP	Competitive Grants Program
CGIAR	Consultative Group on International Agriculture Research
CIMMYT	<i>Centro Internacional del Mejoramiento de Maíz y Trigo</i> (International Maize and Wheat Improvement Center)
DSG	Development Strategies and Governance (IFPRI)
ERA	Environmental Risk Assessment
FATA	Federally Administered Tribal Areas
FY	Fiscal Year
FUU	Federal Urdu University
GE	Genetically Engineered
GOP	Government of Pakistan
HEC	Higher Education Commission
IARC	International Agricultural Research Centers
IAAE	International Association of Agricultural Economists
ICARDA	International Center for Agricultural Research in the Dry Areas
IDS	Innovative Development Strategies
IFPRI	International Food Policy Research Institute
ILSI	International Life Sciences Institute
IMEC	Independent Monitoring and Evaluation Contract
ILRI	International Livestock Research Institute
Indic.	Indicator
IR	Intermediate Result
IRRI	International Rice Research Institute
IWMI	International Water Management Institute
KPK	Khyber Pakhtun-Khwa (province)
NAC	National Advisory Committee
NARC	National Agricultural Research Center
NDMA	National Disaster Management Authority
NIBGE	National Institute of Biotechnology and Genetic Engineering
PAK EPA	Pakistan Environmental Protection Agency
PARB	Pakistan Agricultural Research Board
PARC	Pakistan Agricultural Resource Council
PC	Planning Commission
PERI	Pakistan Economic Research Institute
PIDE	Pakistan Institute of Development Economics
PITAD	Pakistan Institute of Trade and Development
PSSP	Pakistan Strategy Support Program
RAC	Research Advisory Committee
SABP	South Asia Biosafety Program
SAM	Social Accounting Matrix
SO	Strategic Objective
SSIA	Strategic Initiatives in Agriculture
UAF	University of Agriculture - Faisalabad

USAID      United States Agency for International Development  
USG        United States Government

## EXECUTIVE SUMMARY

The Pakistan Strategy Support Program (PSSP) is the first of two components of USAID's Pakistan Policy, Science and Innovation Program for Agriculture. The purpose of PSSP is to contribute to pro-poor economic growth and enhanced food security through evidence-based policy reforms. Its goal is to enhance agricultural growth by strengthening the nation's capacity for developing, advocating and implementing effective policies. Its objectives are consistent with the GOP Planning Commission's new "Framework for Economic Growth."

PSSP's four primary research priorities are:

1. Agricultural production and productivity
2. Water management and irrigation
3. Macroeconomics, markets and trade
4. Poverty reduction (Income dynamics) and job creation (Social Safety Nets)

In addition to generating policy-relevant research, PSSP aims to improve policy analysis and advocacy, and build the capacity of researchers in selected Government of Pakistan and non-government institutions through PSSP's capacity strengthening, feedback and outreach, and policy advisory programs. Having increased the capacity to conduct research, analyze information and formulate evidence-based policy recommendations, PSSP will link these Pakistani researchers and institutions through knowledge-sharing networks.

The highlights of PSSP activities during FY 2012 (July 2011 – September 2012) are summarized below.

### AGRICULTURAL PRODUCTION AND PRODUCTIVITY

**Agricultural Research and Development:** Highlights in 2011-12 include (1) the commencement of an independent, third-party evaluation of the Pakistan Agricultural Research Council (PARC), (2) expert advising on the design of governance and management systems at PARC and across the research system, (3) stakeholder consultations at the federal and provincial levels on the promotion of science and innovation in agriculture (4) submission (under CIMMYT's head) of a multi-year proposal to re-engage the CGIAR in Pakistan at a larger scale than present (which has now been approved and will start in January 2013), and (5) development of a report on agricultural value chains which was finalized as a PSSP working paper in the first quarter.

**Economic Analysis of Biotechnology:** In 2011-12, the first phase of the study of Bt cotton was initiated with a comprehensive exploration of the status of Bt cotton in Pakistan, including (1) an analysis of the research pipeline, regulatory issues, and economic impacts, (2) design of a module for the 2012 PSSP Pakistan Rural Household Survey (PSSP-PRHS) Round 1.5, which was completed in late 2012, in order to collect data on cotton cultivation practices, pesticide use, and seed purchasing behavior, and (3) design of an empirical strategy to collect and analyze more detailed observational and experimental data relating to Bt cotton in Pakistan. A study by a PSSP researcher, Hina Nazli, was presented at a conference in Brazil in the last quarter of FY 2012 and finalized as a PSSP working paper in September 2012.

**Biotechnology Regulation:** In 2011-12, CERA successfully extended the South Asia Biosafety Program (SABP) to Pakistan and conducted an assessment of the current capacity and priority needs of the Government of Pakistan with regard to their biosafety regulatory system and management practices. The assessment included consultations with relevant ministries, particularly the Ministry of Food and Agriculture, the Ministry of Environment, as well as other stakeholders directly or indirectly engaged with the regulatory system, such as



researchers and product developers active in agricultural biotechnology. SABP also provided training to several Pakistani scientists engaged in the biosafety system, and launched its competitive biosafety research grants program.

#### **WATER MANAGEMENT AND IRRIGATION**

As Pakistan faces increasingly scarce water supplies, PSSP and IFPRI are focusing on water allocation policies and management practices. Highlights from 2011-2012 include, 1) a series of meetings, workshops and Net-map exercises to assess the water management and irrigation situation, 2) design and initial implementation of a detailed farm survey on irrigation management, 3) completion of an assessment of transfers of irrigation water to urban/industrial uses as a result of potential groundwater salinization of Pakistan's major cities, 4) initialization of a review of the scope of irrigation management reforms, 5) initialization of modeling work on operational rules for Satpara Dam, 6) development of draft paper on the impacts of climate change on water and food security and 7) analysis of the impact of water management practices and climate change on the overall Pakistan economy.

#### **MACROECONOMICS, MARKETS AND TRADE**

In 2011-2012, a team of Pakistani researchers was trained in Computable General Equilibrium Modeling in Washington, DC and subsequent seminars and workshops took place in Pakistan throughout the year. Accomplishments in the year include the development of a Social Accounting Matrix and drafts for four CGE studies, which were presented at PSSP's First Annual Conference in December. The four CGE studies underway are: "Real Exchange Rate Misalignments in Pakistan & Their Implications," "Domestic Terms of Trade for Agriculture in Pakistan and Agricultural Income Taxes," "Effects of Food Price Inflation during the Global Financial Crisis on Vulnerable Groups in Pakistan," and "Disaggregated Analysis of Energy Subsidies and Their Impacts On Household Welfare in Pakistan." Two studies on Cereals production were also completed as PSSP working papers.

#### **POVERTY REDUCTION AND SOCIAL SAFETY NETS**

As part of a wider effort to reduce poverty by strengthening Pakistan's social safety nets, PSSP conducted 4 types of surveys in FY 2012 to better understand the relationship and dynamics of economic growth and poverty reduction. These surveys included an aspirations survey (conducted only in Punjab), Rural Household Panel Survey Round 1 (conducted in Punjab, KPK and Sindh), and a tracking survey (conducted in the four original districts of the 1987 – 1992 Rural Household Panel Surveys). Four reports have been completed using these surveys and several studies have been planned for the next year. Rural Household Panel Survey Round 1.5, which is an extension of the Agricultural Production module of the RHPS Round 1, was also implemented by the end of FY 2012.

#### **CAPACITY STRENGTHENING OF RESEARCHERS**

**Trainings and Workshops:** PSSP conducted trainings and workshops in 2011-2012 dealing with its four main focus areas to aid the production of quality research. These include trainings on computable general equilibrium modeling, STATA, CSPRO, enumeration techniques and writing effective research proposals techniques. Workshops that took place in FY 2012 include water management net mapping, climate change adaptation, Bt cotton, Rural Household Panel Survey and water policies.



**Competitive Grants Programs:** The PSSP Competitive Grants Program (CGP) was launched in FY 2012 to provide researchers with the opportunity to conduct quality research under the guidance of professional and international expertise. Round 1 was initiated in January of 2012 and round 2 started in August 2012. The Research Advisory Committee (RAC) reviewed 180 grant applications for round 1 and twenty-nine shortlisted proposals were presented at a conference in Islamabad in May 2012. At an Awards Ceremony in June 2012, 22 shortlisted candidates were awarded grants for Round 1. A few researchers who were selected for these grants were from “disadvantaged” areas of Pakistan. Now PSSP is providing them with opportunities to work under the supervision of senior Pakistani and international academics. A second round of grants was announced in August 2012 and closed in the first quarter of FY 2013, with 220 applications. The review was underway by the RAC at the end of December 2012.

With regard to biosafety regulation, CERA announced a call for pre-proposals for its CGP on Biosafety Research in Pakistan with a deadline of May 15. On May 18, CERA selected ten pre-proposals from the twenty that were submitted to be developed, into full proposals. An advisory committee consisting of two Pakistani scientists and two international experts on Biosafety reviewed the proposals, and met through conference call in August to select awardees. Six proposals were selected for funding and awards have been delivered.

#### **FEEDBACK AND OUTREACH**

**Seminars and Conferences** – In 2011-2012 a large number of participants attended events organized by PSSP. These include introductory seminars on the role of PSSP and quality economic research which took place at PIDE, IDS, University of Agriculture - Faisalabad and LUMS, and seminars on Bt cotton, economics of climate change, computable general equilibrium modeling, rural household panel survey, inclusive growth and “Ummeed.” Conferences assisted, organized or contributed to by PSSP in FY 2012 include biosafety regulation (CERA), competitive grants presentations and PSSP plenaries, and Fifth South Asia Economic Summit (SDPI).

**Outreach and Advocacy** - PSSP is linking policymakers with researchers, civil society organizations and private sector stakeholders. PSSP continued to use social media sites like Facebook and Twitter to share information on Pakistan’s economic conditions. The program Web site (under development) will extend PSSP’s penetration into the research community and to the general public. PSSP is also in final stages of publishing the first set of PSSP working papers on studies done throughout FY 2012. The first four working papers were published in September 2012.

#### **POLICY ADVISORY PROGRAMS**

In 2011-2012, a key concern was to develop links with important policymakers. This was done through the work of the Senior Policy Advisor (Sohail Malik), along with other members of the management team, who met with several policymakers to discuss Pakistan’s economic development issues. These included the ongoing controversy over estimates of poverty, economic modeling of the impact of energy subsidies, and the costs of wheat procurement. While these have yet to result in final policy change, they are key issues in the economy and these dialogues were well received.

## **PROGRAM ADMINISTRATION**

At the start of program implementation there were three staff members in Islamabad consisting of a senior policy advisor (Sohail Malik), a research fellow (Nazli) and a research analyst/coordinator (Saira Malik). The management team consisted of four senior managers (Paul Dorosh, David Spielman, David Orden and Sohail Malik). Research was also being administered and conducted at the IFPRI headquarters in Washington, DC and at IDS headquarters in Islamabad and was also aided by a number of consultants. Two additional research analysts (Wajiha Saeed and Shehryar Rashid), a research assistant (Muhammad Ishfaq), a finance and administration manager and an assistant (Tahir Ahmed and Najeeb Ullah), a communications specialist (Ehtesham ul Haq) and a front desk officer (Javaid Ali) were recruited during FY 2012. All research staff has at least a master's in Economics including the research fellow who has a PhD. The chief of party (Kingsley Bash) joined the team after six months of program implementation and lead the team until July 2012. A new chief of party (Davies) took over the program starting September 2012. (See appendix 1). The management team was streamlined in summer 2012 to include Dorosh, Sohail Malik and, later, Davies.

## 1. INTRODUCTION

Sustainable agricultural growth and economic development in Pakistan are severely constrained by the lack of policies that promote pro-poor agricultural growth, encourage private sector investment and enhance food security. Furthermore, government interference in agricultural markets creates an environment that raises transaction costs and discourages private investment. In order to promote economic growth at this critical juncture, when many public sector services are “devolved” from federal to provincial institutions, thereby changing the roles and responsibilities of these institutions, it is imperative to redefine the ways that national and provincial government institutions operate.

Strengthening agriculturally-related government institutions, including provincial governments and departments, will increase the capacity of the GOP to provide sound leadership and decisions, enable improved dialogue with stakeholders and provide direction during this important transition.

In order to determine those policies and investments best suited to achieving agricultural growth and poverty reduction, research and knowledge sharing are essential to close existing knowledge gaps. To institutionalize and sustain the process of policy analysis and implementation, the capacity of national researchers and research organizations must be strengthened.

### **PSSP Purpose, Goals and Objectives**

The purpose of IFPRI’s PSSP is to contribute to pro-poor economic growth and food security through strengthened national capacity to design and implement evidence-based policy reforms. The overall goal is to enhance agricultural growth and economic development through strengthened Pakistani capacity for analyzing, advocating for, and implementing evidence-based policy reforms. Improved policy decisions will be based on better analysis and information, will create a more favorable and predictable investment climate for private enterprises, and will accelerate agricultural growth and economic development in Pakistan. PSSP objectives are to improve policy analysis and advocacy, build the capacity of selected GOP and non-government entities, institutions and individuals through knowledge sharing networks, and to increase their capacity for conducting research, analyzing information and developing sound policies.

### ***Strategic Fit with Government of Pakistan Objectives***

The GOP Poverty Reduction Strategy Paper adopted in 2003, and reaffirmed in 2008, prioritizes development of the agricultural sector as a way to alleviate poverty, increase incomes and create a vibrant rural economy. It emphasizes agriculture as the key source of job creation in predominantly rural districts and recognizes its potential as a catalyst for growth in the economy as a whole.

The Planning Commission’s new Framework for Economic Growth, approved by Pakistan’s National Economic Council, outlines policy and regulatory reform measures that will enable market signals to drive economic decisions in all sectors, including agriculture. The new Framework emphasizes quality governance, vibrant markets, enhanced quality of life, energetic youth and communities, and creative cities.

More specifically, it calls on Pakistan to shift from a growth strategy based on specific development projects and special incentives provided to particular industries, to a broader strategy targeting, among other sources of economic growth: increased productivity; competitive markets; international trade and openness; innovation and entrepreneurship;

and improved public service delivery. The Planning Commission asked the US government for IFPRI's assistance in developing a medium-term policy strategy support program.

IFPRI's PSSP is a four-year, country-led, countrywide program covering a range of economic policies affecting economic growth and food security. PSSP objectives are consistent with the Framework for Economic Growth, particularly in the areas of quality governance, vibrant markets, and enhancement of key sources of growth through governance and institutional innovations and reform.

PSSP is guided by a National Advisory Committee (NAC) chaired by the Planning Commission of Pakistan, with representation of USAID and the Secretariat of Economic Affairs. PSSP reviews its policy advisory activities with the NAC to inform and assist in the implementation of the Framework for Economic Growth and related policy reforms.

### ***Strategic Fit with USAID Objectives***

USAID's Economic Growth Strategy, which incorporates agriculture, was approved by the Pakistan Mission and by USAID, Washington in February 2011. PSSP is the first component of USAID's "Pakistan Policy, Science and Innovation Program for Agriculture." The second component is "Promoting Science and Innovation in Agriculture in Pakistan," which USAID launched in October 2012.

### **Expected Results**

Effective policymaking requires timely, evidence-based analysis that is available to key government decision makers. To make the process of policy analysis, implementation and monitoring more effective and sustainable, PSSP is designed to enhance the capacity of analysts and researchers in government institutions, academia and the private sector and to increase stakeholder participation in policy development.

Widespread stakeholder participation in policy debates favors policy reform and implementation, so PSSP is designed for information dissemination and outreach activities that identify the needs of target constituencies, address their priorities, provide evidence-based research results and promote public dialogue. To achieve these goals and objectives, PSSP activities include:

- Greater capacity among knowledge providers in the academic and research communities to generate policy research results that fill knowledge gaps on a needs basis, and to have increased impact on the design and implementation of Pakistan's development strategy.
- Greater capacity among Policymakers and implementation agents to demand and use the results of research for policy dialogue and formulation. This includes provincial governments and departments in their revised roles and responsibilities under the 18<sup>th</sup> Amendment.
- A broader and more integrated knowledge community made up of researchers, Policymakers, civil society and private-sector stakeholders to support pro-poor policy dialogue and strategic priority setting at all levels of government.

### **Organization of this Report**

This report covers the period July 2011 – September 2012 (FY 2012), which was the first year of PSSP implementation. The Introduction section above describes PSSP's goals and objectives, and their consistency with GOP and USG development strategies. Tables 1 and 2 below list the activities completed in FY 2012 for SO 1 and SO 2 according to the Results Framework used in that year. An extra column for activities that spilled over in to FY 2013 is also added in these tables. Part 2 summarizes the activities conducted during FY 2012, including detailed information on activities conducted in the last quarter of the year (July –

September 2012). Part 3 discusses the reasons why some activities originally scheduled for this reporting period were rescheduled to FY 2013. Part 3 also brings the 2012 expected activities that are still in progress up to the date of this report.

**Table 1 – PSSP Activity Summary SO 1 - FY 2012**

	Year 1				Year 2
	Reported Previously	Jul	Aug	Sep	FY 2013
<b>Improved Economic Governance</b>					
<b>SO 1 Improved Analysis of Policies and Regulations</b>					
<b>IR 1.1 Improved Capacity for Policy Analysis</b>					
<b>Indic. 1.1.1 Strengthened Institutions Conducting Economic Analysis</b>					
<b>a. Strengthened Research Institutions</b>					
<b>Agricultural Research and Development</b>					
<i>Science and Innovation Concept and Proposal</i>					
<i>PARC Strategic Review (Internal and External Evaluation)</i>					
<b>b. Biotechnology and Biosafety Regulatory System</b>					
<b>Economic Analysis of Biotechnology</b>					
<i>BT Cotton Adoption and Wellbeing of Farmers in Pakistan</i>			X	X	
<i>Situation Analysis of BT Cotton in Pakistan</i>					
<b>Biotechnology Regulation</b>					
<i>An Analysis of the Regulatory System in Pakistan</i>					
<i>Institutional Capacity Building on Biosafety Regulation</i>			X		
<i>Biosafety Grants</i>			X		
<b>Indic. 1.1.2 Dynamic Community of Economic Policy Researchers</b>					
<b>a. Workshops, Seminars and Conferences</b>					
<b>Research Workshops</b>					
<i>Netmap Training Workshop-DC</i>					
<i>Net-mapping Exercise on Water (also mentioned below)</i>					
<i>Climate Change Adaptation Workshop-DC</i>					
<i>Rural Household Survey workshop - Planning Commission</i>					
<i>Pakistan Water Day Workshop - DC</i>					
<i>BT Cotton Study Preparation Workshop</i>					
<i>Computable General Equilibrium Modeling workshops</i>					
<i>Water Workshop at PSSP Office</i>		X			
<b>Seminars</b>					
<i>PSSP Introduction- PIDE, LUMS, IDS, University of Agriculture, Faisalabad</i>					
<i>Bt Cotton Brown Bag Seminar</i>					
<i>Economics of Climate Change Seminar</i>					
<i>"Ummeed" Seminars</i>					
<i>Computable General Equilibrium Modeling</i>		X			
<i>Rural Household Survey - Initial results</i>		X			
<i>Inclusive Growth Brown Bag Seminar</i>				X	
<b>Conferences:</b>					
<i>Food Security Conference in Nepal</i>					
<i>Biosafety Conference in Dhaka (See 1.1.1b)</i>					
<i>Competitive Grants Conference and Award Ceremony</i>					
<i>SDPI Conference</i>				X	
<i>October Conference at IFPRI</i>					
<i>PSSP First Annual Conference - Planning Commission</i>					
<b>Provincial and District Workshops</b>					
<i>Science and Innovation Workshops: 4 (Also in IR 1.2.2a)</i>					

Table 1 – PSSP Activity Summary SO 1- FY 2012 – continued

	Year 1				Year 2
	Reported Previously	Jul	Aug	Sep	FY 2013
<b>Improved Economic Governance</b>					
<b>b. Trainings</b>					
<b>International Trainings</b>					
<i>Computable General Equilibrium Modeling- Washington DC</i>					
<i>Biosafety Conference -Dhaka (See 1.1.1a)</i>					
<i>CSPRO Training - Washington DC</i>					
<b>Local Trainings</b>					
<i>Computable General Equilibrium Modeling - Islamabad</i>					
<i>Enumerator Training on Aspirations Survey</i>					
<i>Enumerator Training on PRHS Round 1</i>					
<i>Enumerator Training on PRHS Round 1.5</i>				X	
<i>Writing Research Proposals for Grants</i>					
<i>STATA Training</i>		X			
<i>GIS Training (TBD)</i>					
<i>Research Monitoring and Evaluation (TBD)</i>					
<b>c. Collaborative research</b>					
<b>Collaborative Studies between Local and International Researchers</b>					
<i>Biotechnology, Biosafety, PRHS and CGE Studies</i>					
<b>Competitive Grants Program Round 1 and 2</b>			X		
<b>IR 1.2 Improved Knowledge Management Systems</b>					
<b>Indic. 1.2.1 Network of Knowledge Centers</b>					
<b>a. Knowledge Centers Established</b>					
<b>Network of Participating Institutions</b>					
<i>MOUs with government institutions and agricultural universities</i>					
<b>b. Knowledge Centers Sharing Information</b>					
<b>Video-Conferences and Seminars</b>			X		
<b>Electronic and Social Media</b>					
<b>PSSP Working Papers</b>				X	
<b>Indic. 1.2.2 Network of CSOs and Policy Makers Sharing Information</b>					
<b>a. Meetings with Civil Society Institutions, Public and Private Sector Stakeholders</b>					
<i>Science and Innovation Meetings (Also in 1.1.1a above)</i>					

Table 2 – PSSP Activity Summary SO 2 - FY 2012

	Year 1				Year 2
	Reported Previously	Jul	Aug	Sep	FY 2013
<b>Improved Economic Governance</b>					
<b>SO 2 Improved Business Enabling Environment</b>					
<b>IR 2.1 Increased Evidence-Based Research Used in Policy Formation</b>					
<b>Indic. 2.1.1 Assessments of Agricultural, Trade and Growth Policies</b>					
<b>a. Agricultural Production</b>					
Economic Impact of Bt Cotton Adoption (See 1.1.1b above)				X	
High Value Agriculture Policy Needs					
Cereal Studies					
Supply and Demand for Cereals					
Input and Output Policies					
Rural Household Survey (PRHS) Round 1.5 (Ag Production Module)				X	
<b>b. Water Management</b>					
<b>Water Efficiency</b>					
Water Meetings (Net-map, Climate Change, etc) (See 1.1.2 a above)					
Review of State of Irrigation					
Water and Irrigation Conference					
PRHS Round 1.5 (see 2.1.1a above, water segment)				X	
<b>Water Management</b>					
Scope of Irrigation Management Reforms				X	
Irrigation Potential of Satpara dam					
Impact of Rural-Urban Water Transfers					
<b>Climate Change</b>					
Effects of Climate Change -CGE					
Effects of Climate Change on Water and Food Security					
<b>c. Macroeconomics, Markets and Trade</b>					
<b>Computable General Equilibrium Modeling</b>					
Social Accounting Matrix				X	
Productivity Growth in Pakistan: Economy Wide Analysis				X	
Macro-economic Implications of Electricity Subsidies					
Exchange Rate Misalignment in Pakistan and its Implications					
Economic Impact of Agriculture Income Tax on Pakistan					
CGE Analysis of Electricity Subsidies					
Change in Food Prices during Global Financial Crisis					
<b>d. Income Dynamics and Social Safety Nets</b>					
<b>Aspirations Survey, Analysis and Report</b>				X	
<b>PRHS Round 1: Male, Female, Aspirations, Community, School, Prices</b>		X		X	
PRHS Aspirations Analysis					
PRHS Community Characteristics					
PRHS Household Characteristics					
Tracking Survey (1990, 2001, 2012)					
PRHS Round 1.5 (See 2.1.1a above)				X	
<b>Indic. 2.1.2 Policy Assessments Shared with Key Stakeholders</b>					
Meetings with Senior Policy Makers, Researchers and Academics					
Policy Debates					



## 2. ACTIVITIES AND ACCOMPLISHMENTS

### IR 1.1 Increased Capacity for Policy Analysis

#### Indic. 1.1.1 Strengthened Capacity of Economic Analysis Institutions

##### a) Strengthened Agricultural Research Institutions

###### *Science and Innovation in Agriculture Proposal*

In 2011-2012, at the request of PARC, and with support from USAID, PSSP worked with CIMMYT, ICARDA, IWMI, and developed a concept paper to promote science and innovation in agriculture in Pakistan. Stakeholder workshops were conducted in Lahore, Peshawar and Karachi in January and February of 2012 and in Islamabad in June 2012. (See appendix 10). A wide range of stakeholders from public and private sectors participated in these workshops. After submitting a concept paper to USAID in March 2012, CIMMYT also submitted to USAID a proposal paper in June 2012.

The proposed “Promoting Science and Innovation in Agriculture in Pakistan” (PSIAP) project aims to strengthen Pakistan’s capacity for innovation in agricultural sciences and technology by conducting research that addresses development priorities, expands linkages with international research institutions, and reforms the processes used in federal and provincial agricultural research institutions. The proposed project will focus on livestock and horticultural value chains, productivity of cereal systems, and natural resource management.

###### *Pakistan Agricultural Research Council Strategic Review*

In 2011-2012 PSSP conducted a comprehensive strategic review of PARC to provide recommendations for reorganizing and increasing the PARC’s effectiveness in the context of the devolution of many research functions to the provinces. In September 2011 PSSP conducted an internal evaluation of PARC and identified its strength, weaknesses, opportunities and threats. In March 2012 a team of three international experts conducted a third party, independent external evaluation of PARC. The team continued work on its assessment report till the end of the reporting year and the results were presented in the first quarter of FY 2013. The report includes PARC’s research and dissemination programs during 2001-2011, its management structure, resource allocation procedures and collaborative arrangements with provincial research programs, the International Agricultural Research System (IARS) and other international agricultural research institutions. Although its primary focus was on the roles of PARC, the assessment team also reviewed the performance of the National Agricultural Research Centre (NARC). This independent evaluation will provide guidance on redefining the PARC’s post-devolution roles and procedures, and prioritizing its medium-term research program.

##### b) Biotechnology and Biosafety Regulatory System

###### *Economic Analysis of Biotechnology*

A PSSP researcher (Nazli) finished a report entitled, “Bt Cotton Adoption and Wellbeing of Farmers in Pakistan” in June 2012. Nazli presented her report at the 28<sup>th</sup> Triennial Conference of The International Association of Agricultural Economists (IAAE) in Brazil in August 2012 and the report was later finalized as a PSSP working in September 2012. (See appendix 13)

IFPRI also received and reviewed the final version of a background paper prepared in 2011-2012 by the Center of Excellence for Molecular Biology (CEMB) in Lahore. The study (A. Yasmeen, I.A. Nasir, and T. Husnain, “A report on the Status of Bt Cotton in Pakistan”)

examines some of the current and potential future constraints to Bt cotton adoption, the introduction and use of Bt cotton, and policies needed to ensure its beneficial and sustainable use. This report will be an input to (a) a review paper on Bt cotton in Pakistan to be published in early 2013 and (b) wider empirical work being undertaken by PSSP on Bt cotton adoption in Pakistan in 2012/13 to 2013/14.

### ***Biotechnology Regulation***

In 2011-12, the Center for Environmental Risk Assessment (CERA) successfully extended the South Asia Biosafety Program (SABP) to Pakistan and conducted an assessment of the current capacity and priority needs of the Government of Pakistan with regard to their biosafety regulatory system and management practices. The assessment included consultations with relevant ministries, particularly the Ministry of Food and Agriculture, the Ministry of Environment, as well as other stakeholders directly or indirectly engaged with the regulatory system, such as researchers and product developers active in agricultural biotechnology.

CERA, in collaboration with researchers from Pakistan, has prepared an analysis report of the biosafety regulatory system in Pakistan which is currently undergoing final revisions in response to peer review and will be self-published by CERA in December 2012.

SABP provided training to several Pakistani scientists engaged in the biosafety system during a conference in Bangladesh in April 2012. (See Indic 1.1.2a - Conferences below) CERA made available the proceedings and presentations from this “Environmental Risk Assessment of Genetically Engineered Plants” conference on their website within the reporting period. CERA also launched its competitive biosafety research grants program in May 2012 and awarded six grants by August 2012.

### **Indic. 1.1.2 Dynamic Community of Economic Policy Researchers**

PSSP held a number of meetings in FY 2012, which are described below. (Also see appendix 2)

#### **a) Workshops, Seminars and Conferences**

##### ***Research Workshops***

In 2011-2012 PSSP conducted the following workshops:

- A one-day net-map training workshop on water management was held in Washington, DC for 10 participants in November 2011. Three of these participants later came to Pakistan to conduct the workshops with local stakeholders.
- A one-day climate change adaptation workshop was held in Washington, DC in November 2011.
- One-day net-mapping workshops each in Lahore and Islamabad with 10 to 12 participants was held in November 2011 and December 2011. Stakeholders from the water sector of Pakistan participated. (See appendix 6)
- A one-day workshop on the Rural Household Panel Survey Round 1 was held at the Planning Commission in January 2012. Around 15 participants gave feedback on the survey modules and suggestions on how to make the questions more effective.
- A one-day Pakistan Water Irrigation and Management workshop was held in Washington, DC in April 2012. Participants also attended via videoconference from Islamabad. (See appendix 7)
- A one-day workshop on the preparation of the Bt cotton study in Pakistan was held in Washington, DC in May 2012. (See appendix 9)

- A PSSP senior management team member (Dorosh) held several workshops with the Computable General Equilibrium team in Pakistan during his visits throughout the year. Another researcher from IFPRI also continued a series of video conferencing workshops on this topic in FY 2012.
- A one day water workshop with Claudia Ringler, a senior researcher at IFPRI, was held at the PSSP office in Islamabad in July 2012. The water management research planned by PSSP was discussed and feedback was generated from experts on how to improve these studies.

### ***Seminars***

In 2011-2012 PSSP held the following seminars:

- The PSSP management team introduced PSSP, its goals and objectives, at a seminar held at PIDE in July 2011. Similar seminars were held at IDS, LUMS and the University of Agriculture Faisalabad to elicit the interest of a network of researchers.
- A Pakistani PhD candidate, Shehzad Kousar, presented the findings of her study at a seminar entitled “Valuing financial, health, and environmental benefits of Bt cotton in Pakistan” which was held in Washington DC in May 2012.
- Professor M. Ali Khan, from John Hopkins University presented at a brown bag seminar entitled “On the Economics of the “Economics of Climate Change” in Washington Dc in June 2012.
- PSSP Senior policy advisor, Sohail Malik, presented two seminars at Government College University, Faisalabad and Forman Christian College, Lahore on “Ummeed - a project to kick start sustainable growth and employment generation.”
- A PSSP senior management team member (Dorosh) held three seminars on the Computable General Equilibrium Model in Islamabad in January and February of 2011. He also held a seminar at the World Bank in July to introduce the CGE model and work done with this model on the energy sector of Pakistan. Stakeholders from the energy sector including member energy of the planning commission and senior economists dealing with Pakistan’s energy sector were present and provided their feedback on the study.
- A PSSP researcher (Nazli) held a seminar on the initial results of the Rural Household Panel Survey Round 1 in Islamabad in July 2012.
- Professor Nawab Haider Naqvi, from Federal Urdu University held a seminar on “Inclusive Growth” in Washington DC in September 2012. This lecture was published as PSSP working paper 003.

### ***Conferences***

In 2011-2012 PSSP was involved in the following conferences:

- PSSP senior management team members, Sohail Malik and Dorosh, presented “Improving Food Security Outcomes through Agriculture” at a conference in Nepal in November 2011.
- CERA organized a four-day conference on “Environmental Risk Assessment of Genetically Engineered Plants” with PSSP assistance in Bangladesh in April 2012. Thirteen scientists from Pakistan attended which included ten scientists (three from NARC, two from the NIBGE and five from Pakistani universities) and three biosafety regulatory officials from the Pakistan Environmental Protection Agency and the National Disaster Management Authority. The last day was devoted to the national biosafety regulatory system in Pakistan. (See appendix 8)
- PSSP organized a two-day “Increasing Productivity and Unleashing Growth in Pakistan” conference in Islamabad in May 2012. Deputy Chairman of the Planning Commission of

Pakistan, Nadeem u Haque, chaired the inaugural session, and Rodger Garner of USAID was the chief guest. There were two main plenaries along with the presentations made by the 29 shortlisted candidates of the CGP. Over 250 participants attended this conference. In June 2012 an Awards Ceremony took place where Richard Albright, Coordinator for Economic Development and Assistance of the United States Embassy, presented awards to the 22 finalists.

- SDPI hosted and PSSP co-sponsored the 5<sup>th</sup> South Asia Economic Summit entitled “Making Growth Inclusive and Sustainable in South Asia” in Islamabad in September 2012. This was a 3-day conference with several plenaries and concurrent sessions. Antoine Bouet from IFPRI presented on Climate Change and Orden, a PSSP senior manager, presented on Food Security at this conference. (See appendix 11)
- By the end of FY 2012 PSSP started planning for its first annual conference which eventually took place in October 2012 in Washington DC (Part I) and in December 2012 in Islamabad (Part II). PSSP’s first set of working papers and studies were presented at these conferences.

### **b) Trainings**

In 2011-2012 PSSP coordinated the following trainings:

#### ***International Trainings***

- Six Pakistani researchers, including the secretary of agriculture of Punjab attended a three-week training in Washington DC on the Computable General Equilibrium Model in November 2011. The researchers used this training to develop studies on various topics. Three of these studies were in final stages by the end of FY 2012.
- Ten scientists attended training on biosafety regulatory systems during a conference in Dhaka, Bangladesh for the SABP in April 2012. (See 1.1.2a – Conferences)
- A database manager from the Rural Household Panel Survey project in Pakistan attended a four-week Census and Survey Processing System (CsPro) training in Washington DC in June 2012 administered by the United States Census Bureau. CsPro was then used for further rounds of the survey.

#### ***Local Trainings***

- Researcher, Dario Debowicz of IFPRI conducted a three-day training on Computable General Equilibrium Modeling in January 2012 at the PSSP office in Islamabad. Ten researchers from Federal Urdu University, PIDE and other universities attended this training.
- PSSP conducted three rounds of enumerator training for the Aspirations survey and Rural Household Panel surveys Round 1 and 1.5 in Islamabad. Over 100 enumerators (all MA level economics graduates) attended these trainings, which lasted between three to four weeks each.
- IFPRI researchers conducted a two-day training via videoconference in Islamabad, on effective methods of data cleaning using STATA in July 2012. Ten researchers attended this training and then used these tools in their research work.
- Senior policy advisor (Sohail Malik) conducted a two-day training on “Effective Methods of Writing Research Proposals” at the NARC in February. A similar training was held at the Planning commission a day before the May PSSP Conference. Additional international experts were present to aid with the training. Over 250 participants attended this training.

### **c) Collaborative Research**

#### ***Collaborative Studies between Local and International Researchers***

In 2011-2012 PSSP was involved in several collaborative studies dealing with biotechnology, biosafety regulation, CGE modeling, water irrigation and management, aspirations and Rural Household Panel Survey Round 1. (See 2.1.1 below)

#### ***Competitive Grants Program***

The CGP was launched in FY 2012 to provide researchers with the opportunity to conduct quality research under the guidance of professional and international expertise. Round 1 was launched in January of 2012 and round 2 in August 2012. The Research Advisory Committee (RAC) reviewed 180 grant applications for round 1 and twenty-nine shortlisted proposals were presented at a conference in Islamabad in May 2012. At an Awards Ceremony in June 2012, 22 shortlisted candidates were awarded grants for Round 1. The awardees are in the process of preparing their research to be presented for mid-term evaluation in February 2013.

The applicants that did not qualify for grants in the first round were given feedback on their proposals and were invited to attend training to improve the quality of their proposals and research. A good proportion of these applicants attended the training on May 22 2012. Due to the success of round 1, PSSP decided to launch another call for applications for the competitive grants in August 2012. The deadline to submit the applications was October 31 2012, in the first quarter of FY 2013. PSSP hopes to receive good quality proposals and also expects to receive some resubmissions with revisions from the applicants who did not qualify in the previous round. (See appendix 12)

A few researchers selected for these grants were from “disadvantaged” areas of Pakistan. Based on lessons learned in the assessment of a large number of proposals, PSSP expects to create study groups and training modules to extend opportunities for selected CGP recipients give them the chance to interact with senior Pakistani and international academics. This will further the mission of PSSP to expand opportunities for collaborative research. We intend to develop modules for survey design in the social sciences, which appeared to be a general deficiency in many of the proposals suggesting surveys; the role of economics in multidisciplinary research; and empirical and research methods in political economy studies, so that PSSP efforts in the areas of market regulation, for example can capture rent seeking behavior and other political economy dimensions.

## **IR 1.2 Improved Knowledge Management Systems**

### **Indic. 1.2.1 Network of Knowledge Centers**

#### **a) Knowledge Centers Established**

In 2011-2012 PSSP held consultations with HEC and several universities on establishing a network of Knowledge Centers to provide forums for conferences, workshops and short-term courses. Four government institutions (PIDE, PERI, PARC, and AERC), and the four major agricultural universities in Punjab, Khyber Pakhtunkhwa, Sindh and Baluchistan, have been invited to participate in the centers. Representatives of business, the farming community, civil society and the civil service will also participate. The first step, signing MOUs with these institutions, will take place during the second quarter of FY 2013. Following the creation of these agreements, work plans will be developed for each Network Center.

### **b) Knowledge Centers Sharing Information**

Once MOUs are signed and the knowledge centers are established PSSP hopes to bring together these centers through regular contact between network representatives, video conferencing, joint development of short-term training courses and conferences, and the sharing of current international research materials from IFPRI, PSSP and other sources. Additionally, the regular interaction with the network centers will help PSSP get feedback from stakeholders and assist in policy outreach.

#### ***Electronic Social Media***

In FY 2012 PSSP used Facebook and Twitter to share information on Pakistan's economic conditions, with a particular focus on its four primary research priorities (agricultural production, water management, macroeconomics, and poverty). A PSSP blog administered through IFPRI is in place and is being used to disseminate information on PSSP. A PSSP program website is still in development.

#### ***Media Activities***

PSSP received media coverage on certain events and meetings. These are highlighted in appendix 14.

#### ***PSSP Working Papers***

In the last quarter of FY 2012 four PSSP working papers were formally published. They are available on the PSSP blog. (<http://pssp.ifpri.info>)

**Table 3 - FY 2012 PSSP Working Papers**

<b>Title</b>	<b>Authors</b>	<b>Institutional Affiliation</b>
001. A 2007-08 Social Accounting Matrix for Pakistan	Dario Debowicz, Paul Dorosh, Sherman Robinson and Syed Hamza Haider	IFPRI
002. Implications of Productivity Growth in Pakistan: An Economy-Wide Analysis	Dario Debowicz, Paul Dorosh, Sherman Robinson and Syed Hamza Haider	IFPRI
003. The Idea of Inclusive Growth and Development Policy	Syed Nawab Haider Naqvi	Federal Urdu University
004. Bt Cotton Adoption and Wellbeing of Farmers in Pakistan	Hina Nazli, David Orden, Rakhal Sarker and Karl Meilke	PSSP, IFPRI, University of Guelph, Canada

### **Indic. 1.2.2 Network of CSOs and Policymakers Sharing Information**

#### **a) Civil Society Institutions, Public and Private Sector Stakeholders**

##### ***Science and Innovation Meetings***

See 1.1.2a above concerning four workshops on "Promoting Science and Innovation in Agriculture in Pakistan."

## **IR 2.1 Increased Evidence-Based Research Used in Policy Formation**

### **Indic. 2.1.1 Assessments of Agricultural, Trade and Growth Policies**

#### **a) Agricultural Production**

##### ***Economic Impact of Bt Cotton Adoption***

A PSSP researcher presented her study *“Bt Cotton Adoption and Wellbeing of Farmers in Pakistan”* at an international conference and the study was published as PSSP working paper 004 in September 2012. (See 1.1.1b above)

A commissioned researcher submitted the paper *“A report on the Status of Bt Cotton in Pakistan”* for final review by IFPRI. (See 1.1.b above)

##### ***Assessment of Methods Used to Analyze High Value Agricultural Crops***

PSSP is responsible for assessing methods for identifying constraints to dairy, horticulture and other agricultural value chains, and recommending ways to improve them. As part of this effort, a commissioned researcher finalized his assessment of research conducted to increase the production of high-value agricultural crops. His work is detailed in the paper *“Food Value Chain Analysis: A Review of Selected Studies for Pakistan and Guidelines for Further Research”* which was finalized by the end of FY 2012.

##### ***Rural Household Panel Survey Round 1.5***

In FY 2012 a detailed agricultural production module, with data collected at the plot level that will supplement the initial Round 1 household survey has been designed with expanded information on:

- Characteristics of household managed plots
- Land management for household managed plots
- Crop production in the past year (Kharif 2011 and Rabi 2011-12) for household managed plots
- Crop sale in the past year (Kharif 2011 and Rabi 2011-12) for household managed plots
- Usage of manure, compost and chemical fertilizers
- Usage of farm machinery
- Usage of seed, pesticides, herbicides and fungicides
- Payment of abiana/agricultural tax and electricity or storage costs
- Usage of family and hired labor by gender
- Number of livestock owned, cost of keeping livestock and income from livestock
- Agricultural water use
- Farm assets inventory
- Access to extension
- Perceptions about climate change and climate risk
- Responses to climate change
- Effect of usage of pesticides on health

In September 2012, enumerators were trained on how to conduct this module in the field. Complete status of the survey will be reported in the first quarter of FY 2013.



## **b) Water Management**

In 2011-2012, in an effort to improve water policy management, research and planning, PSSP took part in the following research activities.

### ***Water Efficiency Conditions***

A series of meetings, workshops and net-map exercises to assess the water management and irrigation situation took place in FY 2012. (See 1.1.2a above).

A detailed agricultural production module, with data collected at the plot level, will supplement the initial Round 1 household survey, with expanded information on water irrigation issues. This detailed module, packaged as Rural Household Survey Round 1.5 was initiated in the last quarter of FY 2012. (See 2.1.1a above)

In FY 2012 a review of all documents and earlier evaluations of the Irrigation Management Transfer (IMT) reforms in Punjab to measure the likely benefit of assessing the reform quantitatively was initiated and is currently going on. This work is done with the Punjab Irrigation Department and a consultant, Ramchand Oad. Further work on this will be reported in quarter 1 report of FY 2013.

### ***Water Management***

PSSP is assessing the irrigation potential and management options for Satpara dam. Work on this component was ongoing in the last quarter of FY 2012 and further work will be reported in the quarter 1 report of FY 2013. PSSP worked with consultant Ram Oad on final data issues for the modeling of Satpara.

The Indus Basin Model was recently updated as part of a World Bank project to assess climate change impacts on water productivity and the effects of investments in storage and water efficiency. In 2012, PSSP collaborated with U. Massachusetts and a WAPDA consultant to complete the assessment of irrigation to urban/industrial transfers as a result of a potential groundwater salinization of major Pakistan cities.

### ***Effects of Climate Change***

IFPRI's recently developed SAM and CGE model of the Pakistan economy can be linked to the various water modeling and climate change impact assessment studies that have been and are being undertaken as part of the PSSP water and climate change program. This activity began in the last quarter of FY 2012 and will assess the impacts of alternative water policies on the welfare of both urban and rural sectors, including changes in the water accord, prioritization of hydropower production versus irrigation, and rural-urban water transfers. More on this will be reported in the next quarterly report.

In FY 2012, a draft paper on the impacts of climate change on water and food security on Pakistan has been developed with the Global Change Impact Study Center in Pakistan.

## **c) Macroeconomics, Markets and Trade**

### ***Social Accounting Matrix for CGE Modeling***

In February 2012 the Social Accounting Matrix for Pakistan was finalized and in September 2012 it was published as PSSP working paper 001.

### ***CGE Studies***

In FY 2012 researchers who were trained in CGE modeling continued working on their studies with presentations expected by the December 2012 annual conference. Studies include "*Impacts of Regional Trade Agreements on the Pakistan Economy*," "*Impacts of an*

*Increase in the Supply of Agricultural Factors of Production on Pakistan's Economy," "Macroeconomic Implications of Electricity Subsidies," "Computable General Equilibrium Analysis of Electricity Subsidies: The Perspective of Pakistan," "Exchange Rate Misalignment in Pakistan and its General Equilibrium Distributional Implications," and "Economic Impact of Agriculture Income Tax on Pakistan."*

### **Cereal Studies**

Two studies "Review of input and output policies for cereals production in Pakistan" and "Supply and Demand for Cereals in Pakistan, 2010-2030," were completed in FY 2012 and were finalized as PSSP working papers in quarter 1 of FY 2013.

### **d) Income Dynamics and Social Safety Nets**

Though poverty reduction has been slow in Pakistan, there is renewed interest in strengthening social safety nets, which play an important role in raising economic growth and reducing vulnerability. To better understand the complex relationships between economic growth and poverty reduction, PSSP has conducted four surveys in FY 2012 and gathered data on household resources, attitudes and behavior. The surveys included an examination of household attributes, aspirations and attitudes, a Tracking Survey of respondents to previous Rural Household Surveys, and the 2012 Rural Household Panel Survey Round 1 of individuals, schools and communities in rural areas and 2012 Rural Household Panel Survey Round 1.5 focused on the agricultural production module.

#### ***Aspirations Survey Analysis and Report***

PSSP conducted an Aspirations survey in December 2011. The survey sample included 9 districts in Punjab. A draft report on the initial results of the Aspirations Survey, conducted in December 2011, is in its final stages. A formal analysis of survey results was presented in October in Washington D.C.

#### ***Tracking Survey***

The Tracking Survey, completed in June, involved locating some of the original respondents to the Rural Household Survey conducted in the 1980s and 1990s, and assessing changes in their lives to better understand the factors affecting rural incomes and poverty dynamics. A study on this survey is in progress and will be presented at the first annual conference in December 2012.

#### ***Rural Household Panel Survey Round 1***

The Rural Household Survey began in March 2012 and continued to the end of April 2012. The survey sample included 2,128 households in 19 districts of Punjab, KPK and Sindh provinces. In the end, 2089 households agreed to participate. A five-person team, including a supervisor, two male enumerators and two female enumerators — most of them recent university graduates — was assigned to each of the 19 target districts. Over the course of the 45-day study, enumerators communicated regularly to crosscheck and verify their findings and supervisors monitored their teams carefully to ensure data was reliable. The survey was completed by late April and the data was sent to headquarters in Islamabad where it was edited, entered into a database and cleaned. Three PSSP working papers using this survey data that are in final stages by the end of FY 2012 are: "Aspirations in Rural Pakistan: An Empirical Analysis," "Rural Household Panel Survey Round 1: Methodology and Community Characteristics" and "Rural Household Panel Survey Round 1: Household Characteristics." Further studies using this survey will commence in Q1 FY 2013.

### **Rural Household Panel Survey Round 1.5**

This is an extended version of the agricultural production module used in Round 1. (See 2.1.1a above)

#### **Indic. 2.1.2 Policy Assessments Shared with Key Stakeholders**

PSSP strives to create a cooperative community of policymakers, researchers, civil society organizations and private sector stakeholders. This is achieved by incorporating stakeholders into the process of defining policy research agendas, encouraging communication across ministries, agencies and line departments, bridging the gaps between central and provincial governments, and working with civil society organizations and the private sector to encourage participation in policy formulation.

##### **a) Meetings with Senior Policymakers**

In 2011-2012, a key concern was to develop links with important policymakers. This was done through the work of the Senior Policy Advisor (Sohail Malik), along with other members of the management team, who met with several policymakers to discuss Pakistan's economic development issues. These included the ongoing controversy over estimates of poverty, economic modeling of the impact of energy subsidies, and the costs of wheat procurement. While these have yet to result in final policy change, they are key issues in the economy and these dialogues were well received.

##### **b) Meetings with Researchers and Academics**

The Senior Policy Advisor also held meetings with the Chairman and the Members of the Pakistan Agricultural Research Council, the Chairman of the Punjab Agricultural Research Board and Government officials on the restructuring of the PARC. He also met separately with students and faculty during the Competitive Grants Conference in May. He continues to meet with students and professors at local Universities to keep them engaged in the research community.

##### **c) Policy Debates**

The Policy debates will take place with relevant stakeholders once the results for the PSSP sponsored research products and surveys are completed and ready for discussions.

### **Program Administration**

The IFPRI-PSSP Management Team met regularly to plan program activities, especially during the Competitive Grants Conference in May, where all senior management team members were present.

At the start of program implementation there were three staff members in Islamabad consisting of a senior policy advisor (Sohail Malik), a research fellow (Nazli) and a research analyst/coordinator (Saira Malik). The management team consisted of four senior managers (Dorosh, Spielman, Orden and Sohail Malik) Research was also being administered and conducted at the IFPRI headquarters in Washington, DC and at IDS headquarters in Islamabad and was also aided by a number of consultants. Two additional research analysts (Saeed and Rashid), a research assistant (Ishfaq), a finance and administration manager and an assistant (Tahir Ahmed and Ullah), a communications specialist (ul Haq) and a front desk officer (Ali) were recruited during FY 2012. All research staff has at least a master's in Economics including the research fellow who has a PhD. The Chief of Party (Bash) joined the team after six months of program implementation and led the team until July 2012. A new chief of party (Stephen Davies) took over the program starting September 2012. (See appendix 1)

### 3. ACTIVITIES THAT WERE RESCHEDULED TO FY 2013

This section describes activities that were planned for FY 2012, but were rescheduled to FY 2013. The main official meetings that were shifted to the first quarter of 2013 are given in Appendix 3.

#### **Indic. 1.1.1 Strengthened Capacity of Economic Analysis Institutions**

##### ***PARC Strategic Review***

Data collection for the PARC Strategic Review began in mid-March. The results were summarized in a draft report was presented November 27<sup>th</sup>, 2012 to PARC and a public meeting held at PARC headquarters. About 100 stakeholders attended.

##### ***Science and Innovation in Agriculture Concept Paper***

Security conditions delayed consultation meetings with public, private and civil society stakeholders in Baluchistan. However, final consultations with public, private, and civil society stakeholders were completed during the third quarter of FY 2012 in support of a planned collaboration between PARC, provincial research organizations, universities, and the CGIAR. IFPRI contributed significantly to the submission of a proposal by CIMMYT titled "Promoting Science and Innovation in Agriculture in Pakistan" in March 2012 that was subsequently revised in July 2012 and September 2012, and has been funded as of December 2012. It has been re-titled as the "Agricultural Innovation Project" (AIP).

##### ***Summary of Biotechnology Research and the Biosafety Regulatory Environment in Pakistan***

IFPRI and the ILSI Research Foundation, Center for Environmental Risk Assessment (CERA) are collaborating to build the capacity of Pakistan's biosafety regulatory system. CERA has been preparing an analysis of the biosafety regulatory system in Pakistan in collaboration with Yusuf Zafar, formerly of the National Institute for Biotechnology and Genetic Engineering (NIBGE) and Nazli, a researcher with experience studying the use of Bt cotton in Pakistan. The document is currently undergoing final revisions in response to peer review and will be self-published by CERA in early January 2013.

#### **Indic. 1.1.2 Dynamic Community of Economic Policy Researchers**

##### ***Conference***

The first annual PSSP conference was rescheduled for December 13 and 14, 2012, and did take place during those days. In addition to the original conference, there was a Washington DC conference held on October 25, 2012.

##### ***Short-term Local Trainings***

PSSP plans to provide training to PARC scientists, managers and students at the NARC Institute on research monitoring and evaluation, and writing technical proposals, which will be initiated in second quarter of FY 2013. PSSP also provided GIS training for researchers in the first quarter of FY 2013.

##### ***Provincial and District Workshops***

Security conditions delayed consultation meetings with public, private and civil society stakeholders in Baluchistan. Final consultations with public, private, and civil society stakeholders were completed during the third quarter of FY 2012 in support of a planned collaboration between PARC, provincial research organizations, universities, and the CGIAR. IFPRI contributed significantly to the submission of a proposal by CIMMYT titled "Promoting

Science and Innovation in Agriculture in Pakistan” in March 2012 that was subsequently revised in July 2013 and September 2013, and, as noted above, has been funded as of December 2012. It has been re-titled as the "Agricultural Innovations Project" (AIP).

### ***Competitive Grants Program***

A second call for competitive grants was completed in October 2012, with 220 applications received.

### **Indic. 1.2.1 Network of Knowledge Centers**

Due to delays in establishing the Knowledge Center network and defining PSSP’s knowledge management strategy, the 14 target provincial and district workshops have also been delayed. After the PSSP Knowledge Management program strategy is defined, the establishment of Knowledge Centers will be completed. They will be linked through collaborative research projects, shared information resources, meetings, conferences, short-term training courses and the PSSP grants program. These linkages will be reinforced through visits, video conferencing and other internet-based communications.

### **Indic. 2.1.1 Assessment of Agricultural, Trade and Growth Policies**

#### ***Assessment of Methods Used to Analyze High Value Agricultural Crops***

Zahoor ul Haq, Chairman of the Department of Management Sciences at Abdul Wali Khan University in Mardan, was contracted to assess the economic analysis methods used for promoting high-value agricultural crops, submitted a paper entitled “*Food Value Chain Analysis: Review and Best Practices*” which is now a PSSP Working Paper 010 that was distributed at the Annual Conference in December.

#### ***Water Management***

A report on the water management net-mapping workshop held in Lahore and Islamabad in November will be available in the second quarter of FY 2013. PSSP made modifications to the on-farm water management questionnaire, which has been administered during November and is now being coded in the IDS offices. Additionally, a farm survey to be administered in the Satpara service area has been developed jointly with the Aga Khan Foundation and PSSP. The survey is now near completion as of the end of December.

#### ***Macroeconomics, Markets and Trade***

The development of a social accounting matrix and computable general equilibrium model for the Pakistan economy required added time, but has now resulted in three working papers that have been presented at the Islamabad Annual Conference in December. The SAM and CGE models became operational during the reporting period and reports on the SAM itself and an analysis of productivity growth in various sectors in the economy are now PSSP Working Papers that were distributed at the Annual Conference in December.

#### ***Rural Household Survey***

The initial results of the Rural Household Survey are being presented in three PSSP Working Papers that were distributed at the Annual Conference in December.

### **Program Administration**

A four-year Performance Monitoring Plan was submitted to USAID during the first quarter of FY 2013, as was the final version of the third Quarterly Report.

## 4. CHALLENGES, LESSONS LEARNED AND SUCCESS STORIES

### Challenges

**Security:** The security conditions of Pakistan proved to be a challenge in FY 2012, as the first CGP conference had to be rescheduled to the end of May due to a security alert, and the annual conference originally scheduled for September 2012 was moved to October 2012 and then to mid December. (A substitute program was developed and hosted in Washington DC.) Also, the provincial Science and Innovation meeting scheduled to be held in Baluchistan had to be moved to Islamabad in June 2012. International travel to Islamabad has also been disrupted at times due to security alerts. Together, rescheduling these events means that the time put into arranging them is essentially doubled, and the costs of rebooking venues and air tickets is larger. Additionally, the programs often need to be revised, as the availability of various participants will change with the varying schedules.

**Chief of Party:** The program was without a Chief of Party for the first six months of implementation. The first Chief of Party was hired in late December 2011, but he left at the end of August 2012. The program was once again left without a Chief of Party, in this instance for about three months. Due to this absence, the following parts of the project were also delayed:

- **Project Monitoring Plan:** The absence of a Chief of Party for the first six months of the program delayed the development of the PMP, and work on the project continued without one in place. Once the COP was on board there were several meetings with the Independent Monitoring and Evaluation Contract (a project that Management Systems International is implementing for USAID in Pakistan) to develop this plan. A consultant was also hired in June 2012 to work on this and the PMP is now in its final stages.
- **MOUs with Universities:** The creation of a formal network of universities was also delayed. PSSP continues to work on a proper framework for the network.
- **Project Targets:** For much of the first year, it was easy to obtain the impression that PSSP was not meeting a large percentage of the targets set out in the work plan, but by the end of the year PSSP had published 11 discussion papers and held a number of trainings and seminars.

**Staff Hiring:** The hiring of qualified staff has been a challenge. A call for applications was made in major newspapers and by word of mouth for Research Fellows at the PhD level in March 2012 but we did not receive any qualified applicants. Another attempt will be made in Year 2.

**Meetings with Counterparts:** It has been difficult to coordinate meetings with the government officials, collaborators and counterparts, as meetings often get delayed due to busy schedules. This is particularly an issue for the liaisons PSSP needs with senior management of the government and other policymakers, as they are just the kinds of professionals that we want but have little time to focus on longer run issues and analyses.

### Lessons Learned

**Working with Stakeholders:** Throughout the first year of the project, the Pakistan Strategy Support Program (PSSP) organized meetings with government officials and other stakeholders for staff within Pakistan and travelling from abroad. PSSP attempted to work with officials and stakeholders who were interested in using evidence-based policy advice and to engage in discussions of policy reform. Over time, PSSP has come to understand the

appropriate level of type of Government officials and private sector/civil society stakeholders and how to approach them. It appears that a major target group should be those in civil society organizations and universities, as they have time to produce, synthesize and understand research outputs and policy advice.

**Research Competitive Grants Program:** Many lessons were learned in the process of organizing the CGP program and arranging the conference associated therewith. These included figuring out proper ways of advertising the program, where a Call for Proposals was widely circulated among different newspapers, blogs, and research organizations across Pakistan and abroad, and allocating the numerous proposals received (180) for review, and coming up with an appropriate contracting mechanism.

To handle this review process, the PSSP set up a RAC, chaired by Ul Haque. The purpose of the RAC was to discuss, evaluate, and short-list the better proposals for funding. This committee was made up of selected international and local academics with a wide variety of skills and experience, and a series of reviews that becomes more involved as the more successful proposal became smaller and closer to funding.

PSSP hosted its first conference on the CGP at the Serena Hotel, Islamabad, from May 25 to May 27, 2012. Among other management aspects, the conference taught us about better usage of time and the need to split final, interim, and new proposals into different time slots and days to engage the audience more effectively.

**Rural Household Survey:** During 2012, PSSP successfully completed Rounds 1 and 1.5 of its Rural Household Survey. One lessons learned is that a great deal of time is needed for data editing and cleaning than originally scheduled. This will ensure the quality of the data that is received, and ultimately the speed with which the survey can be used in analysis.

**Training Activities:** During its first year, PSSP organized capacity building and training workshops for policy makers and young researchers who had relevant experience and knowledge, and who were willing to engage in future research activities. Through experience, PSSP was able to develop methods of identifying and inviting appropriate candidates for future training workshops.

**Lesson Learned from Major Challenges:** The challenges with respect to security, hiring and achieving access to policymakers have led the project to assess the way forward on several issues. Taking better advantage of ICT presentations and having local collaborators present a greater proportion of presentations, a practice that we expect will become more frequent over time, will reduce security-related costs. With regard to hiring, the way forward may be to directly request that faculty members from major universities take leaves for several years. This way, we can simultaneously strengthen local university professors, reduce the time conflicts that faculty members have in a consulting arrangement, and choose more specifically for the efforts we need.

## **Success Stories**

**Competitive Grants Program (CGP):** The CGP is unique in the sense that it stimulates Pakistani researchers to conduct research on a wide range of issues and challenges that Pakistan is facing today. Through the CGP, PSSP is cultivating a research agenda within the academic and policy-oriented research communities of Pakistan to boost economic growth. It also provides an opportunity for Pakistani researchers to collaborate and create linkages with international researchers and research institutions. At its first conference, May 26-27, 2012, eighteen projects selected by the program's RAC received awards and are currently



underway. Research areas include Governance, Creative Cities and Regions, Energetic Youth and Communities, and Vibrant Markets.

The CGP is also providing an opportunity for researchers and faculty members from underprivileged areas such as Swat, Lasbela and Tandojam to develop connections and promote collaborative research.

Some challenging yet exciting research proposals that are currently underway, include “Batkhela (Malakand) Bazar: A Catalyst for Socio-Economic and Political Change” conducted by Ayub Jan from Peshawar University and “Maximizing Farm Income and Other Livelihood Opportunities through Introduction of High Value Minor Crops in District Swat” conducted by Hassan Sher from the University of Swat.

**CGE Training Helps Researchers at Planning Commission adopt new research methodologies.** Haroon Sarwar, Assistant Chief - Growth Team, Planning Commission was one of the six participants who received a three-week training course in CGE Modeling at IFPRI in Washington, DC, in November 2011. CGE models are a class of economic models that use actual economic data to estimate how an economy might react to changes in policy, technology or other external factors.

Sarwar is also a member of the PSSP-CGE working group and has been working on “Electricity Subsidies and Welfare Analysis: The Perspective of Pakistan”, a collaborative research study with Debowicz at IFPRI. In this study, Sarwar is trying to look at the impact of subsidies in the power sector on poor households. Based on his findings he will conduct a comprehensive policy study. He says that the training has helped him understand how the computer-based macro-economic model works and he can now use it to determine the impact of an external shock, such as an increase in taxes, on Pakistan’s economy.

**PSSP’s Wheat Procurement Study Highlights Financial Savings to Government Wheat Procurement Programs** – Dorosh, the principal investigator of PSSP, has shown that setting domestic procurement prices too high relative to domestic release prices results in massive fiscal costs with little or no benefit to consumers or to small farmers who do not sell wheat to government agencies. Substantially reduced domestic procurement in 2010-11 (April-May 2011) resulted in substantial fiscal savings and did not lead to substantially lower nominal or real wholesale prices. Real prices of wheat are higher than they were in 2002-07 to the benefit of net sellers and the detriment of net buyers. Pakistan’s complex wheat markets and policies require continued analysis, monitoring and coordination across government agencies and an ongoing observation of current and likely trends in the international market.

**Promoting Science and Innovation in Agriculture in Pakistan** – In order to address the challenges that Pakistan’s agricultural sector faces, PSSP collaborated with PARC with support from USAID, CIMMYT, ICARDA, IWMI, to develop a concept paper for promoting science and innovation in agriculture in Pakistan. A participative, stakeholder-driven process was adopted to identify agricultural priorities to design the program.

PSSP conducted four stakeholder workshops in Lahore, Peshawar, Karachi and Islamabad (for Balochistan) during its first year. These workshops included a wide range of stakeholders from the public and private sectors. The proposed AIP project has been designed to strengthen Pakistan’s capacity for innovation in agricultural sciences and technology by conducting research that addresses development priorities, expanding linkages with international research institutions, and reforming the processes used in federal and

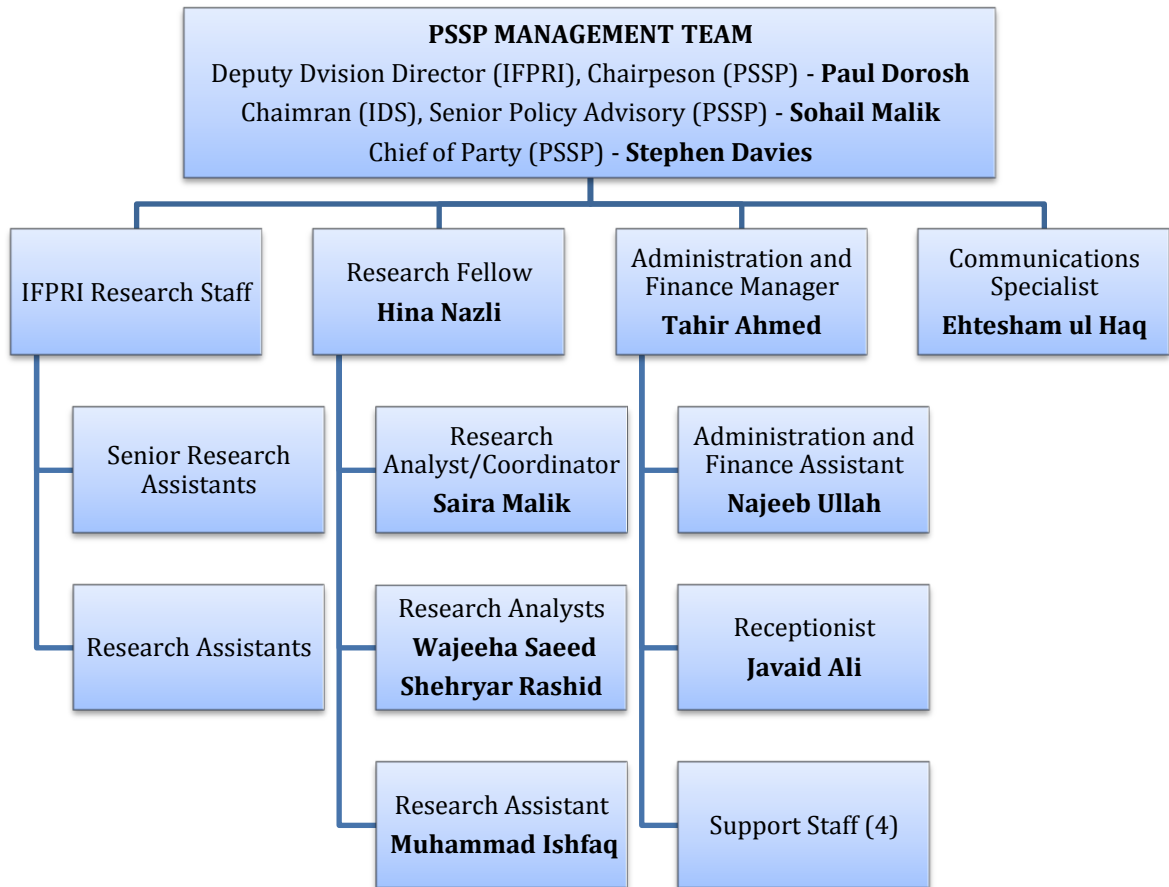
provincial agricultural research institutions. This project was approved for funding in the Fall 2012.

**Unique Aspects of Pakistan Rural Household Survey 2012** - The 2012 Pakistan Rural Household Survey methodology was designed in consultation with stakeholders to identify development priorities and address constraints. The survey includes 2,128 households in 19 districts of Punjab, KPK and Sindh provinces. The PRHS 2012 included a mini Tracking Survey, expected to locate some of the original respondents to the Rural Household Survey conducted by IFPRI in the 1980s and 1990s, and to assess changes in their lives. The objective of the survey was to better understand the factors affecting rural incomes and poverty dynamics. PSSP also added an aspirations module to the questionnaire. Its purpose was to collect data on the ambitions and perceptions of respondents towards various important social and economic issues.

## **5. Appendices**

1. Organizational Chart – Pakistan Strategy Support Program
2. Pakistan Strategy Support Program Events Calendars
  - I – Quarter 2 (January, February, March) 2012
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  - III – Quarter 4 (July, August, September) 2012
3. Events Calendar for Meetings to be held (October, November, December) 2013
4. Official travels
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  - II – Quarter 3 (April, May, June) 2012
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5. Submissions to USAID
6. Workshop Agenda – Net-Mapping Workshop
7. Workshop Agenda – Water Conference
8. Workshop Agenda – Bangladesh Conference
9. Workshop Agenda – Bt-Cotton Study
10. Workshop Agenda – PSIAP Consultative Workshop
11. Workshop Agenda – SDPI Conference
12. PSSP Competitive Grants Program (CGP)
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13. Agenda – Brazil Conference
14. Summary of PSSP Press & Media Coverage FY 2012

## Appendix 1: PSSP Organizational Chart



## Appendix 2: PSSP Calendar of Events

### I – Quarter 2 (January, February, March) 2012

Date(s)	PSSP Results Framework Activity	Events/Activities	Purpose	Person Responsible	Venue	Partner/s and Expected Level of GOP Representation	Applicable for Branding & Marking
January 5	Program Roll-out	APP Activities Planning Meeting	Chalk out the activities to be carried out by APP	Bill Patterson (USAID), Michael Wyzan (USAID), Paul Dorosh (IFPRI)	Washington DC	IFPRI, USAID	N/A
January 6	Program Roll-out	APP Management Team meeting	Consultative meeting of APP Senior Management Team with Country Affairs Office of Afghanistan and Pakistan (USAID)	Paul Dorosh (IFPRI), David Orden (IFPRI), David Speilman	Washington DC	APP, IFPRI	N/A
January 6	Consultations with Senior Policy Makers	NAC Meeting	Estimate impacts of environmental and policy changes on national economy	Kingsley Bash, Sohail J. Malik, Nadeem ul Haq, Abdul Wajid Rana	Islamabad	APP, PC, IDS	N/A
January 13	Creating linkages with development sector stakeholders	USAID COPs Meeting	Meeting of the COPS of the USAID funded programs working in the fields of Economic Growth and Agriculture	Kingsley Bash	Islamabad	Projects working under the USAID Economic Growth and Agriculture	N/A

Date(s)	PSSP Results Framework Activity	Events/Activities	Purpose	Person Responsible	Venue	Partner/s and Expected Level of GOP Representation	Applicable for Branding & Marking
January 23	Network of Knowledge Centers	Consultative Meeting with Vice-Chancellor Federal Urdu University and Economics Department	To identify areas of collaboration with Federal Urdu University and its Department of Economics	Kingsley Bash	Islamabad	APP, VC – Federal Urdu University, Islamabad	N/A
January 24	Competitive Grants Program (CGP)	RAC Meeting	To design the Competitive Grants Program	Kingsley Bash, David Orden	Islamabad	APP, IFPRI, PC	N/A
January 26	Pakistan Rural Household Survey	Planning Meeting for the Rural Household Survey	To discuss the Pakistan Rural Household Survey and design the survey questionnaires	Kingsley Bash, Sohail J. Malik, Hina Nazli	Islamabad	APP	N/A
January 30	Science and Innovation in Agriculture in Pakistan	Consultative Meeting “Promoting Science and Innovation in Agriculture in Pakistan”	To integrate the feedback of the Department of Agriculture, Punjab in the Science and Innovation in Agriculture proposal	Kingsley Bash	Lahore	APP, CIMMYT, ICARDA, IWMI, PARC, PARB	Yes
February 14	Creating linkages with development sector stakeholders	USAID COPs Meeting	Meeting of the COPS of the USAID funded programs working in the fields of Economic Growth and Agriculture	Kingsley Bash	Islamabad	Projects working under the USAID Economic Growth and Agriculture	N/A
February 17	Program Monitoring and Evaluation	Pak-Info Meeting	Meeting was arranged by IMEC – MSI to present the M&E activities and services IMEC will be providing to USAID	Wajiha Saeed	Islamabad	APP, IMEC	N/A

Date(s)	PSSP Results Framework Activity	Events/Activities	Purpose	Person Responsible	Venue	Partner/s and Expected Level of GOP Representation	Applicable for Branding & Marking
			funded projects				
February 22	Science and Innovation in Agriculture in Pakistan	Consultative Meeting "Promoting Science and Innovation in Agriculture in Pakistan"	To integrate the feedback of the Department of Agriculture, Punjab in the Science and Innovation in Agriculture proposal	Kingsley Bash	Karachi	APP, CIMMYT, ICARDA, IWMI, PARC, PARB	Yes
February 23	Science and Innovation in Agriculture in Pakistan	Consultative Meeting "Promoting Science and Innovation in Agriculture in Pakistan"	To integrate the feedback of the Department of Agriculture, Punjab in the Science and Innovation in Agriculture proposal	Kingsley Bash	Lahore	APP, CIMMYT, ICARDA, IWMI, PARC, PARB	Yes
February 27	Competitive Grants Program (CGP)	RAC Meeting (via Skype)	To design the Competitive Grants Program	Kingsley Bash, David Orden	Islamabad	APP, IFPRI, PC	N/A
March – April	Strengthened Economic Research Institutions	Independent Assessment of PARC after devolution	Restructure PARC to improve research effectiveness	Jock Anderson, Frank Anderson, Regina Birner, J. Han Roseboom	PARC Islamabad	Chairman Planning Commission, Chairman PARC	N/A
March 5 - 7	Strengthened Economic Research Institutions	Training in research proposal writing	Improve research objectives and proposals	Sohail J. Malik	Islamabad	IDS, PARC	N/A
March 12 – April 27	Income Dynamics and Social Safety Nets	Rural Household Survey (Data Collection)	Research rural income & poverty dynamics	Hina Nazli	19 Districts in 3 provinces	IDS	N/A



Date(s)	PSSP Results Framework Activity	Events/Activities	Purpose	Person Responsible	Venue	Partner/s and Expected Level of GOP Representation	Applicable for Branding & Marking
March 30	Strengthened Economic Research Institutions	Science and Innovation – Concept Paper	Design Pakistan Policy Science and Innovation Program for Pakistan – Part II	David Speilman	Washington D.C	PARC, Agricultural Universities and Dept. of Agriculture in Sindh, Punjab, KPK	N/A
31 March 2012	Competitive Grants	Application Submission Deadline	Support Framework for Economic Growth (PC)	David Orden, Madeeha Hameed,	Washington DC	PC	N/A

## II – Quarter 3 (April, May, June) 2012

Proposed Date	PSSP Results Framework Activity	Events/Activities	Purpose	Person Responsible	Venue	Partner/s and Expected Level of GOP Representation	Applicable for Branding & Marking
April 09	Water Conference	Recent Water Research in Pakistan and IFPRI water program design	Review Water Policy Research	Claudia Ringler (IFPRI)	Washington DC		N/A
April 15-18	Training in Bio-safety regulatory institution development	Bangladesh Conference on Environmental Risk Assessment of GE Crops	Train of Pakistani Scientists from PARC, NIBGE, UAAR, FCG, UK, QAU, CIIT	A. Roberts, CERA S.Rashid, PSSP	Dhaka, Bangladesh	Ministry of Environment PARC	N/A
April 20	Assessments of Agricultural, trade and growth policies	Presentations of initial research findings	Estimate impacts of environmental and policy changes on national	PSSP CGE Working Group	Islamabad	PSSP, PC, PITAD, PIDE PARC	N/A

Proposed Date	PSSP Results Framework Activity	Events/Activities	Purpose	Person Responsible	Venue	Partner/s and Expected Level of GOP Representation	Applicable for Branding & Marking
			economy				
Initial Findings April 30	Biosafety Regulatory Environment	Report on Biosafety Regulatory Environment	Identify gaps in biosafety regulations and implementation	Yousaf Zafar,	Islamabad	Pakistan Atomic Energy Commission (PAEC)	N/A
May 6	Competitive Grants Program	RAC meeting	Meeting of RAC to analyze the applications of the Competitive Grants Program candidates	David Orden/Kingsley Bash	Planning Commission, Islamabad	Planning Commission	N/A
First draft - May 16	Macroeconomics, Markets and Trade	Terms of Trade in Agriculture and Agriculture Income Tax	To study the impact of Agriculture income tax on Pakistan's economy	Shehryar Rashid	Islamabad	Planning Commission	N/A
Final Report May 31	Biosafety Regulatory Environment	Summary of Biosafety Regulatory Environment - Report	Identify gaps in biosafety regulations and implementation	Yousaf Zafar,	Islamabad	Environmental Protection Agency/Ministry of Environment	N/A
May 26 -27	Competitive Grants Program	Presentation by short-listed grant applicants	To finalize the selection of grants recipients	David Orden/Kingsley Bash	Islamabad	Planning Commission	Yes
May 31	Competitive Grants Program	Grants Award Ceremony	To award the grants to the successful CGP	David Orden/Kingsley Bash	Islamabad	Planning Commission	Yes

Proposed Date	PSSP Results Framework Activity	Events/Activities	Purpose	Person Responsible	Venue	Partner/s and Expected Level of GOP Representation	Applicable for Branding & Marking
			applicants				
May-June	Improved Knowledge Management Systems	Consultative Workshop on "Science and Innovation in Agriculture in Pakistan" proposal	To include stakeholder consultations in the proposal for a "Science and Innovation in Agriculture" program	Kingsley Bash/PARC	For Baluchistan in Islamabad	PARC	Yes
June 4	Consultative workshop for Baluchistan on the "Science and Innovation in Agriculture in Pakistan" proposal	Promoting Science and Innovation in Agriculture in Pakistan	To incorporate the feedback and suggestions of the Baluchistan Department of Agriculture in the proposal	Kingsley Bash/Ehtesham/Rick Ward	Margalla Hotel, Islamabad	PARC, NARC, Baluchistan Department of Agriculture, CIMMYT, ICARDA	Yes
June 6	Competitive Research Grants Program	Research Grants Award Ceremony	To announce the successful candidates of the CGP	Kingsley Bash/Nadeem ul Haq	Islamabad	USAID/PSSP/Planning Commission	Yes
June 13	Knowledge Management	Assessment of Knowledge Management System and practices at Higher Education Commission	Introductory meeting with Learning Innovation and Research and Development Division of HEC to identify the	Kingsley Bash/Ehtesham	Islamabad	PSSP/HEC	N/A

Proposed Date	PSSP Results Framework Activity	Events/Activities	Purpose	Person Responsible	Venue	Partner/s and Expected Level of GOP Representation	Applicable for Branding & Marking
			existing Knowledge Management System and identify gaps				
June 14	Economic and Agricultural Policy Dialogues in mass media	Radio Talk Show on the importance of Competitive Grants Program	Radio talk show with three of the selected grants applicants highlighting the importance of research in policy making	Ehtesham	FM 101/Radio Pakistan - Islamabad	Vaqar Ahmed – SDPI, Anwar F. Chishti – MAJU, Shahnaz Akhter – KPK Agricultural University	Yes
June 28	Shaping a Research Policy Agenda	CGE Working Group Meeting	To monitor the progress of studies being carried out by the CGE Working Group and give presentations	Shehryar Rashid	Islamabad/ Washington	Dario Debowicz, Angga Pradesha, Shehryar Rashid, Wajiha Saeed, CGE Working Group	

## III - Quarter 4 (July, August, September) 2012

Proposed Date	PSSP Results Framework Activity	Events/Activities	Purpose	Person Responsible	Venue	Partner/s and Expected Level of GOP Representation	Applicable for Branding & Marking
July 2 - 6	Collaborative Research	Presentations of the research studies being conducted by PSSP CGE Working Group	To review the progress of the CGE research studies, present simulation results, identify problems and suggest solutions	Shehryar Rashid	PSSP Office, Islamabad	Adil Khan Miankhel (PITAD), Abdul Jabbar (PARC), Haroon Sarwar (Planning Commission), GHulam Sammad (PIDE), Shehryar Rashid (PSSP), Wajiha Saeed (PSSP), Dario Debowicz (IFPRI)	No
July 3	PSSP Performance Monitoring Plan (PMP)	Consultative Meeting of the PMP Consultant with PSSP Islamabad Staff	To chalk out the indicators of the Intermediate Results (IRs)	Hina Nazli, Saira Malik, Wajiha Saeed, Shehryar Rashid, Ehtesham	Islamabad	PSSP/M&E Consultant	No
July 10	PSSP Performance Monitoring Plan (PMP)	PSSP Performance Monitoring Plan (PMP)	Meeting with PMP Consultant to review the first draft of the PIRS for the PMP	Hina Nazli, Saira Malik, Wajiha Saeed, Shehryar Rashid, Ehtesham	Islamabad	PSSP/M&E Consultant	No

Proposed Date	PSSP Results Framework Activity	Events/Activities	Purpose	Person Responsible	Venue	Partner/s and Expected Level of GOP Representation	Applicable for Branding & Marking
July 12	Knowledge Management	Assessment of Existing Knowledge Management System and practices at the Higher Education Commission (HEC)	Meeting with Learning Innovation Division and Research and Development Division of HEC to identify the existing Knowledge Management System and identify gaps	Kingsley Bash/Ehtesham	Islamabad	PSSP/HEC	N/A
July 13	Communications and Outreach	USAID Communications Working Group Meeting	To discuss the USAID "Roshan Pakistan" branding and marketing campaign.	Ehtesham	Islamabad	DOCs - USAID	No
July 26		Presentation on Computable General Equilibrium (CGE)	To give a presentation on how CGE can be used for research	Paul Dorosh, Kingsley Bash	Islamabad	USAID	No
July 29 – Aug 4	Financial Management of	PSSP Internal Financial Audit		Kingsley Bash, Tahir Ahmed,	Islamabad		No

Proposed Date	PSSP Results Framework Activity	Events/Activities	Purpose	Person Responsible	Venue	Partner/s and Expected Level of GOP Representation	Applicable for Branding & Marking
	the Program	initiated by CGIAR		Najeeb Ullah			
July 31		Annual Progress Review Meeting	To review the progress of PSSP and chalk out future activities for the work plan	Kingsley Bash, Tahir Ahmed	Islamabad	Michael Wyzan & Nazim Ali (USAID)	No
August 4	PSSP Performance Monitoring Plan (PMP)	Meeting with DCOP IMEC (MSI) on PSSP Performance Monitoring Plan	To review the PSSP PMP and identify area where IMEC can assist PSSP	Kingsley Bash	Islamabad	Sajid Majeed & Turan Afridi (IMEC)	No
August 12	Competitive Grants Program (CGP)	Call for Proposals Announced	To invite research proposals for the second round of CGP	David Orden	Islamabad/Washington		Yes
August 13	Support to local research institutions	Meeting with SDPI Focal Person for South Asia Economic Summit	To chalk out PSSP's level of participation and discuss other administrative details for the South Asia	Kingsley Bash, Shehryar Rashid, Ehtesham	SDPI Office, Islamabad	Vaqar Ahmed	No

Proposed Date	PSSP Results Framework Activity	Events/Activities	Purpose	Person Responsible	Venue	Partner/s and Expected Level of GOP Representation	Applicable for Branding & Marking
			Economic Summit				
August 13 - 15	Pakistan Rural Household Survey, 2012, Round 1.5	Pilot Testing of the Survey Questionnaire	To test the survey questionnaire in the field	Muhammad Ishfaq	Attock	None	No
August 15	Communications and Outreach	USAID Communications Working Group Meeting	Discussions on the Impact of Effective use of Social Media for USAID-funded programs	Ehtesham	Islamabad	DOCs - USAID	No
August 15	Support to local research institutions; CGP	Meeting with Vice Chancellor and CGP Awardees; Vice Chancellor of University College,	Discuss PSSP and get update on CGP awardees' progress	Prof. Stephen Davies	Faisalabad	UAF, University College Faisalabad	No
August 16	Collaborative Research	Meeting with Iftikar Ahmed, FAO Consultant	Discuss PSSP collaboration with FAO and PARC	Prof. Stephen Davies, Wajiha Saeed	Islamabad	NARC	No



Proposed Date	PSSP Results Framework Activity	Events/Activities	Purpose	Person Responsible	Venue	Partner/s and Expected Level of GOP Representation	Applicable for Branding & Marking
August 16	PSSP Performance Monitoring Plan (PMP)	Meeting with Nazim Ali, USAID	Discuss PSSP with USAID	Prof. Stephen Davies, Nazim Ali	Islamabad	USAID	No
August 17	Collaborative Research	Meeting with Tanveer Hussain and Khalid		Prof. Stephen Davies	Islamabad	Aga Khan Foundation	No
		STATA Data Cleaning Workshop					
August 27	PSSP Water Survey	Teleconference with Punjab IPD/IWMI	To ensure stakeholder participation in planning an assessment of the impacts of changes in irrigation policies	Claudia Ringler, Kingsley Bash	Islamabad/ Lahore/ Washington	Khalid Masud Chaudhry, Sec. Irrigation Department, Lahore, Arif Anwar, IWMI	No
September 11 - 13	Conferences and Seminars	Fifth South Asia Economic Summit - SDPI		David Orden, Antoine Bouet (IFPRI)	SDPI, Islamabad	Researchers, Faculty members, students	Yes
September 13	Communications and Outreach	USAID Communications Working Group Meeting	Training on Social Media Tools by USAID	Ehtesham	Islamabad	DOCs - USAID	No

Proposed Date	PSSP Results Framework Activity	Events/Activities	Purpose	Person Responsible	Venue	Partner/s and Expected Level of GOP Representation	Applicable for Branding & Marking
September 14	Conferences and Seminars	Seminar on Households Heterogeneity in the Global MIRAGE CGE Model: Effects in Pakistan of Coordinated Worldwide Trade Liberalization		David Orden, Antoine Bouet (IFPRI)	PIDE, Islamabad	Researchers, Faculty members, students	No

### Appendix 3: Events Calendar for Meetings to be held – FY 2013 Quarter 1 (October, November, December 2013)

Proposed Date	PSSP Results Framework Activity	Events/Activities	Purpose	Person Responsible	Venue	Partner/s and Expected Level of GOP Representation	Applicable for Branding & Marking
October 2 - 19	Pakistan Rural Household Survey (PRHS) Round 1.5	Data collection	To collect data from the selected districts for the PRHS 1.5	Mohammad Ishfaq	Attock, Multan, Sanghar, Sargodha	N/A	No
October 13	Network of Knowledge Sharing	Meeting with Applied Economics Research Center (AERC)	To discuss draft MOU to be presented and signed with participating Pakistani universities and research institutions	Prof. Stephen Davies	Islamabad	Nuzhat Ahmed, AERC	No
October 14	Competitive Grants Program (CGP)	CGP – Call for Proposal advertisement in local and national newspapers	To widely circulate the Call for Proposal for the 2 <sup>nd</sup> round of CGP	David Orden, Ehtesham	Islamabad, Karachi, Lahore, Peshawar, Quetta,	Planning Commission (approval)	Yes
October 15 - 20	Water and Irrigation	Meeting of Ramchand Oad with AKRSP	To set up studies related to governance policies and canal commands for the Satpara Dam	Ramchand Oad	Islamabad, Skardu	Ministry of Water and Power, WAPDA	No

Proposed Date	PSSP Results Framework Activity	Events/Activities	Purpose	Person Responsible	Venue	Partner/s and Expected Level of GOP Representation	Applicable for Branding & Marking
			project				
October 17	Monitoring and Evaluation	USAID (EGA) M&E Working Group Meeting	To discuss the USAID Economic Growth and Agriculture (EGA) unit's Results Framework	Najeeb Ullah	Islamabad	N/A	No
October 18	Communications and Outreach	USAID Communications Working Group (CWG) Meeting	To discuss results of the opinion poll on the USAID awareness in Pakistan	Ehtesham	Islamabad	DOCs-USAID, Other USAID funded programs	No
October 22	Collaborative Research	Computable General Equilibrium (CGE) Working Group Meeting	To discuss PSSP current and future research activities and presentations by CGE at the PSSP First Annual Conference	Prof. Stephen Davies, Shehryar Rashid	PSSP office, Islamabad	PARC, PIDE, PC, PITAD	No
October 22	PARC Assessment	Meeting with Chairman Pakistan Agriculture Research Council (PARC)	To identify opportunities of collaboration between PSSP and PARC	Prof. Stephen Davies	PSSP office, Islamabad	Iftikhar Ahmad, Chairman PARC	No
October 25	Workshops and Seminars	IFPRI Workshop on Productivity,	To present the research	Paul Dorosh, Lindsey Uhrig	IFPRI Head office,	PC, PSSP, IFPRI	Yes

Proposed Date	PSSP Results Framework Activity	Events/Activities	Purpose	Person Responsible	Venue	Partner/s and Expected Level of GOP Representation	Applicable for Branding & Marking
		Growth, and Poverty Reduction in Rural Pakistan	conducted/supported by PSSP during the first year of the project		Washington DC, Islamabad (Video-Con)		
October 31	Competitive Grants Program (CGP)	Last date of Submission of Research Proposals	To invite research proposals for the 2 <sup>nd</sup> round of CGP	David Orden, Madeeha Hameed	Islamabad/ Washington DC	N/A	No
November 12 - 13	Competitive Grants Program (CGP)	Meetings with Research Grantees from 1 <sup>st</sup> round of CGP	To discuss the progress of research studies and presentations of interim reports	David Orden	Islamabad	PIDE, SDPI, University of Peshawar, University of Swat	No
November 16	Communications and Outreach	USAID Communications Working Group (CWG) Meeting	To discuss results of the opinion poll on the USAID awareness in Pakistan	Ehtesham	Islamabad	DOCs-USAID, Other USAID funded programs	No
November 17	Competitive Grants Program (CGP)	Research Advisory Committee (RAC) Meeting	To organize the evaluations of the second round of applications and make plans for February 8-10, 2013 conference	David Orden	Planning Commission (PC), Islamabad	Nadeem ul Haque, Chairman Planning Commission, RAC members	No

Proposed Date	PSSP Results Framework Activity	Events/Activities	Purpose	Person Responsible	Venue	Partner/s and Expected Level of GOP Representation	Applicable for Branding & Marking
November 27	PARC Assessment						
November 28	Collaborative Research	Meeting with International Water Management Institute (IWMI)	To discuss the proposed PSSP research study on Agent-Based Modeling on Farmers Behavior	Claudia Ringler, Andrew Bell (IFPRI)	IWMI Lahore	Arif Anwer	No
November 29	Collaborative Research	Meeting with Punjab Irrigation and Drainage Authority (PIDA)	To discuss draft MoU for conducting research on irrigation in Punjab	Claudia Ringler	PIDA Office, Lahore	GM PIDA, IWMI	No
December 4	Conferences and Seminars	Modeling Economy-Wide Impact of Water policies: Linking Water Models and Economic Models	Talk by Dr, Sherman Robinson (IFPRI)	Prof. Stephen Davies, Sherman Robinson. Arthur Gueneau	Islamabad	PIDE, PARC, SDPI, BZU, LUMS	Yes
December 4 – 7	Local Trainings	Introduction to Geographic Information Systems (GIS) Using the ArcGIS Desktop	An introductory training on using ArcGIS Desktop for	Helina Tilahun (ESSP/IFPRI), Ahmed Waqas (PSSP)	Islamabad	PIDE, PARC, UAF, IBA Sukkur, University of Lasbela, University of Peshawar, University of Gujrat, Pak MET	Yes

Proposed Date	PSSP Results Framework Activity	Events/Activities	Purpose	Person Responsible	Venue	Partner/s and Expected Level of GOP Representation	Applicable for Branding & Marking
December 6	Collaboration with Local Research Institutions	Meeting with Director Pakistan Institute of Development Economics (PIDE)	To discuss future Research collaboration on potential studies using CGE modeling	Sherman Robinson, Arthur Guneau	Islamabad	Muslehuddin, Joint director PIDE	No
December 11	Support to Government of Pakistan	Meeting with Additional Secretary, Ministry of National food Security and Research	To discuss future collaboration and extend support to the newly established ministry	Paul Dorosh, Prof. Stephen Davies, Hina Nazli	Islamabad	Abdul Basit Khan, Additional Secretary, Ministry of National Food Security and Research	No
December 11	Support to Government of Pakistan	Meeting with Deputy Secretary, Ministry of Water and Power and Director WAPDA Staff College	Present an overview of PSSP, give an update on the ongoing water usage survey and the research work PSSP is conducting on the Satpara Dam project	Paul Dorosh, Prof. Stephen Davies, Hina Nazli	Islamabad	Zafar Mehmood, Deputy Secretary, Ministry of Water and Power	No
December 11	PARC Assessment	Working Dinner with Chairman PARC and Technical Member of PARC	To discuss PARC assessment conducted by Jock Anderson and his team and the IFPRI presentations and recommendations made at the November 27 PARC-ASTI seminar	Paul Dorosh, Prof. Stephen Davies, Hina Nazli	Islamabad	Iftikhar Ahmad and PARC Technical members	No

Proposed Date	PSSP Results Framework Activity	Events/Activities	Purpose	Person Responsible	Venue	Partner/s and Expected Level of GOP Representation	Applicable for Branding & Marking
December 13 – 14	Conferences and Seminars	PSSP First Annual Conference	To review and highlight first year results from PSSP activities, hold focus discussions on the findings of the research conducted by PSSP on Household Welfare and Poverty Dynamics, Water Management, Biosafety and Biotechnology, Development Strategy and Fiscal and Macroeconomics Policy	Sohail Malik, Prof. Stephen Davies, Paul Dorosh, Hina Nazli	Islamabad	Nadeem ul Haque Chairman Planning Commission, USAID, PARC, PIDE, AERC, PITAD, PARB, Researchers, Faculty members, students from universities across Pakistan	Yes



## Appendix 4: Official Travels

### I – Quarter 2 (January, February, March) 2012

No.	Person(s)	Purpose	Station	Date(s)
1	Syed Hamza Haider (IFPRI)	To work on the design and start-up of Rural Household Survey and monitor data collection in the field	Islamabad	Dec 27 – Mar 27, 2012
	David Orden (IFPRI)	Consultations on Competitive Grants Program	Islamabad	Jan 19 – 26, 2012
2	Paul Dorosh (IFPRI)	Program start-up	Islamabad	Jan 28 – Feb 4, 2012
3	Dario Debowicz (IFPRI)	CGE studies	Islamabad	Jan 28 – Feb 4, 2012
4	David Governey (IFPRI)	Program finance start-up	Islamabad	Jan 28 – Feb 2, 2012
5	Kingsley Bash	IFPRI Annual Conference	Washington, DC	Feb 25 – Mar 12, 2012
	Shehryar Rashid	Monitoring Rural Household Survey and questionnaire editing	Multan, Khanewal, DG Khan,	Mar 14 – Mar 22, 2012
6	Sohail J. Malik	Inception Workshop on Pro-Poor Policy Approaches to Address Risk and Vulnerability at the Country Level	Bangkok, Thailand	Mar 21 – Mar 24, 2012

### II – Quarter 3 (April, May, June) 2012

No.	Person(s)	Purpose	Station	Date(s)
1	Jock Anderson	PARC Assessment	Islamabad	Mar 18 – Mar 29, 2012
	Regina Birner	PARC Assessment	Islamabad	Mar 20 – Mar
2	Han Roseboom	PARC Assessment	Islamabad	Mar 17 – Apr 1, 2012
3	Frank Anderson	PARC Assessment	Islamabad	Mar 17 – Mar 29,

				2012
4	Madeeha Hameed	CGP Preparations and ceremony	Islamabad	May 2 – June 7, 2012
	Paul Dorosh	Competitive Grants Program	Islamabad	May 2 – May 29, 2012
5	David Orden	Competitive Grants Program	Islamabad	May 4 – May 30, 2012
	David Spielman	Competitive Grants Program	Islamabad	
6	Regina Birner	Competitive Grants Program	Islamabad	May 22 – May 28, 2012
7	Jock Anderson	Competitive Grants Program	Islamabad	May 23 – May 29, 2012
8	Stephen Davies	Competitive Grants Program	Islamabad	May 24 – May 29, 2012

### III - Quarter 4 (July, August, September) 2012

No.	Person(s)	Purpose	Station	Date(s)
1	Claudia Ringler	Meetings with IMWI, WAPDA, NARC and PARC. Focus group discussions on Agent Based Modeling for developing simulations.	Islamabad, Lahore, Haroonabad	Jul 18 - Jul 22, 2012
2	Andrew Bell			
3	Prof. Stephen Davies	To meet with various stakeholders in reference to PSSP Training and Capacity Building Programs, Water Management and other program areas	Islamabad, Lahore, Faisalabad	Aug 13 - Aug 20, 2012
4	David Orden	To Participate in the Fifth South Asia Economic Summit organized by SDPI and have consultations over the second round of CGP	Islamabad	Sep 10 - Sep 13, 2012
5	Antoine Bouet	To present at the PIDE Seminar on Global MIRAGE Modeling and participate in the Fifth South Asia Economic Summit	Islamabad	Sep 11 - Sep 13, 2012

## Appendix 5: Submissions to USAID

### I – Quarter 2 (January, February, March) 2012

No.	Submissions/Reports	Date(s)
1	Bi-Weekly Update	January 16, 2012
2	Bi-Weekly Update	January 30, 2012
3	Bi-Weekly Update	February 14, 2012
4	Bi-Weekly Update	February 27, 2012
5	Bi-Weekly Update	March 12, 2012
6	APP Quarterly Progress Report (3 <sup>rd</sup> – 4 <sup>th</sup> Qtr 2011)	March 15, 2012
7	Bi-Weekly Update	March 26, 2012

### II – Quarter 3 (April, May, June) 2012

No.	Submissions/Reports	Date(s)
1	Bi-Weekly Update	April 06, 2012
2	Bi-Weekly Update	April 20, 2012
3	Bi-Weekly Update	May 07, 2012
4	Bi-Weekly Update	May 28, 2012
5	Bi-Weekly Update	June 7, 2012
6	Bi-Weekly Update	June 26, 2012

### III - Quarter 4 (July, August, September)

No.	Submissions/Reports	Date(s)
1	Bi-Weekly Update	July 10, 2012
2	Bi-Weekly Update	July 27, 2012
3	Bi-Weekly Update	August 10, 2012
4	Bi-Weekly Update	August 27, 2012
5	PSSP Quarterly Report Apr – Jun 2012	August 28, 2012
6	Bi-Weekly Update	September 11, 2012
7	Bi-Weekly Update	September 25, 2012

## Appendix 6: Agenda – Net-Mapping Workshop November 29, 2011



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**Innovative  
Development  
Strategies**



**INTERNATIONAL  
FOOD POLICY  
RESEARCH  
INSTITUTE**  
Supported by the CGIAR

### **Net-Map Group Interview on the Water Sector Tuesday, November 29, 2011**

**Lahore University of Management Sciences  
D.H.A, Lahore Cantt., 54792**

- 09:00-09:30- Introduction and Overview on Net-Map tool and process
- 09:30-10:30- Actors in the water sector analysis
- 10:30-10:45- Tea Break
- 10:45-11:30- Important linkages in the water sector
- 11.30-13.00- Influence and goals in the water sector
- 13.00-13.40- Lunch Break
- 13:40-15:00- Conclusion and discussion on the future of agriculture water policy

## Appendix 7: Agenda – Water Conference, IFPRI, Washington, April 9, 2012

### Recent Water Research, Pakistan and suggestions for the IFPRI water program of the Pakistan Strategy Support Program

#### IFPRI Conference Room 4B

**Objectives:** *Information on current/research on water in Pakistan; suggestions for implications of IFPRI water program in Pakistan*

Monday, April 9, 2012	
8:30 am to 9:00 am	Coffee
9:00 am to 9:10 am	Welcome to IFPRI ( <b>David Orden</b> , member Pakistan Strategy Support Program [PSSP] management team)
9:10 am to 9:30 am	<b>Claudia Ringler</b> , “Challenges to Pakistan’s water sector: Implications for research, for development, options for PSSP water program”
9:30 am to 9:50 am	TBD [IFPRI], “Net-map of Agricultural Water in Pakistan, Insights”
9:50 am to 10:10 am	<b>Stephen Davies</b> , “Managing Irrigation Assets in Pakistan: Alternatives for Cost Recovery and Performance Improvement”
10:10 am to 10:40 am	Discussion (focusing on relevance for PSSP work)
10:40 am to 11:00 am	Break
11:00 am to 11:20 am	<b>Mark Svendsen</b> , “Maximizing Impacts from Applied Hydro-economic Research in a Difficult Environment”
11:20 am to 11:40 am	<b>Winston Yu</b> , “Indus basin model updates”
11:40 am to 12:00 noon	<b>Hua Xie</b> , “Irrigation and Climate Change: Implications for Groundwater in Pakistan”
12:00 noon to 12:30 pm	Discussion (focusing on relevance for PSSP work)
12:30 pm to 13:30 pm	Lunch-Break
13:30 pm to 13:50 pm	<b>Ramchand Oad</b> , “Improved water governance and management for high-productivity agriculture in Pakistan”
13:50 pm to 14:10 pm	<b>Ali Akram</b> , “Water in Pakistani Agriculture: A General Review of the State of Irrigation and Water-use in Pakistani Agriculture”
14:10 pm to 14:30 pm	<b>Arif Anwar</b> , “Can the warabandi be made more flexible?”
14:30 pm to 14:50 pm	<b>Tingju Zhu and Mohsin Iqbal</b> : “Impact of climate change on water and food in Pakistan”
14:50 pm to 15:10 pm	<b>Sherman Robinson and Dario Debowicz</b> —Indus basin model-CGE model interactions
15:10 pm to 15:30 pm	Discussion (focusing on relevance for PSSP work)
15:30 pm to 16:15 pm	Summary and way forward (for PSSP water and Special Issue)
16:15 pm to 16:30 pm	Break

## Appendix 8: Agenda – Bangladesh Conference - Dhaka, April 15-17, 2012



### Bangladesh Conference on Environmental Risk Assessment (ERA) of Genetically Engineered (GE) Plants,

April 15-17, 2012

#### Draft Agenda



SOUTH ASIA  
BIOSAFETY PROGRAM

Day 1		
Time	Item	Speaker
	<b>Inaugural Session</b>	
09:00	Welcome and Opening Remarks Chief Guest: Minister of Agriculture, Bangladesh Special Guest: State Minister Ministry of Environment and Forests (MOEF), Bangladesh	
09:45	Keynote: The Role of GE Plants in Meeting South Asia's Food Security Challenges	To Be Determined (TBD)
10:30	<i>Coffee Break</i>	
	<b>Session I: International Experience with ERA of GE Plants</b>	
11:00	Introduction to Environmental Risk Assessment of GE Plants	Andrew Roberts, Center for Environmental Risk Assessment (CERA)
11:30	Contributions of the OECD to International Harmonization of ERA	Sally McCammon, USDA APHIS, Biotechnology Regulatory Services (Chair OECD Working Group)
12:00	Risk Assessment under the Cartagena Protocol	TBD
12:30	A Comparative Review of International Requirements for ERA of GE Plants	Vibha Ahuja, Biotech Consortium India Ltd.
1:00	<b>LUNCH</b>	
	<b>Session II: National Experiences with ERA of GE Plants in South Asia</b>	
2:30	Status of GE Plant Research & Regulation of GE Plants in India	Swapan Datta, Indian Council for Agricultural Research (ICAR) Ranjini Warriar, Director CS Division, Ministry of Environment & Forests, Member Secretary GEAC
3:15	Status of GE Plant Research & Regulation of GE Plants in Bangladesh	TBD Mohammed Solaiman Haider, Department of Environment (DOE), Bangladesh
4:00	Status of GE Plant Research & Regulation of GE Plants in Pakistan	Yusuf Zafar, Pakistan Atomic Energy Commission (PAEC)
4:45	Status of GE Plant Research & Regulation of GE Plants in Sri Lanka	Chandrika Nanayakkara, Department of Plant Sciences, University of Colombo
5:30	Conclusion of Day 1	
	<b>Day 2</b>	
	<b>Session III: Selected Topics in ERA</b>	
09:00	Differentiating Environmental Risk Assessment and Ecological Research	Andrew Roberts, CERA
09:45	Evaluating Adverse Environmental Impacts on Non-Target	Raymond Layton, Pioneer

	Organisms	
10:30	<i>Coffee Break</i>	
11:00	Considering Gene Flow to Wild and Weedy Relatives	TBD
11:45	Gene Flow in Centers of Origin and Biodiversity	<i>Ariel Alvarez Morales, CIBIOGEM, Mexico</i>
12:30	The Challenge of Addressing Biodiversity as a Protection Goal in ERA	TBD
1:15	<b>LUNCH</b>	
	<b>Session IV: Stewardship and Resistance Management for GE Crops</b>	
2:45	Introduction to Product Stewardship Practices for IRM	<i>Michael Wach, CERA</i>
3:30	Insect Resistance Management of Bt Crops	<i>Raymond Layton, Pioneer</i>
4:00	Herbicide Resistance Management	TBD
4:45	Discussion and Close of Day 2	
	<b>Day 3</b>	
	<b>Session V: Panel Discussion</b>	
9:00	The Importance of Regulatory Process for Enhancing Credibility of ERA and Subsequent Decision Making	<i>Joe Smith, OGTR, Australia</i>
10:00	Panel Discussion	(Selected Faculty)
11:00	<i>Coffee Break</i>	
11:30	Concluding Q&A	
1:00	<b>LUNCH</b>	

## Appendix 9: Workshop Agenda – BT-Cotton Study – IFPRI Washington May 17, 2012



### Preparation Workshop for the Bt-cotton Study in Pakistan

Thursday May 17 2012

Conference Room 5A, IFPRI, Washington DC

### Proposed Agenda

9am-10am: **Research questions** (Guillaume Gruere+ Xingliang Ma)

- Introduction of participants
- Project: from PRSSP to Bt cotton study
- Goals of the study
- Research questions
- Q&A

10am-10:20am: Coffee break

10:20- 12pm: **Study design** (Hina Nazli, Shahzad Kouser/ Guillaume Gruere, Fatima Zaidi)

- Past surveys (Hina/Shahzad )– what worked/ what could have been improved?
- Location/Sampling
- Time of data collection
- Varietal determination/testing
- Budget

12pm-1:30pm (or so): Lunch in an outside restaurant

1:30pm-3pm: **Draft instruments** (Xingliang Ma, Fatima Zaidi, Guillaume Gruere)

- Presentation of first version of instruments (community and household)
- Focus on specific modules: pesticides, information/learning, gender related questions
- +/- of using choice experiment
- References that can be used to improve it

3pm -3:20pm: Coffee break

3:20-4pm or 4:30pm (or so): **Closing session** (Guillaume Gruere + team)

- Ending discussions (if late)
- Other implementation issues and questions
- Next steps



## Appendix 10: PSIAP Consultative Workshops

### I – PSIAP Consultative Workshop – Karachi



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**CIMMYT**  
MR  
International Maize and Wheat Improvement Center



### Promoting Science and Innovation in Agriculture in Pakistan

*Karachi, 21<sup>st</sup> February (Tuesday)*

#### Workshop Agenda

1030 Recitation from Holy Quran

1040 Welcoming remarks  
Secretary Agriculture, Government of Sindh

1050 Introduction of the Workshop/Meeting  
Iftikhar Ahmad, Chairman, PARC

1100 Overview of meeting objectives  
Rick Ward, CIMMYT Representative

1120 An overview of the International agricultural research community and its contribution to agricultural development and poverty reduction  
DG (Research), Government of Sindh / DG (Agri. Extension) Government of Sindh,  
Vice Chancellors of Agri Universities

1200 Priorities and collaborations (with a 15 mins tea break at 1230 hours)  
Discussion leader: Secretary, Agriculture Government of Sindh

- What are the priorities for agriculture and agricultural research in Pakistan?
- Where are the needs for joint research and capacity strengthening in Pakistan?
- How can the international research community contribute to meeting Pakistan's priorities?
- Other questions and discussions

1345 Concluding remarks  
Iftikhar Ahmad, Chairman, PARC

Lunch at 14:00 hours

## II – PSIAP Consultative Workshop – Islamabad (for Baluchistan)



### Promoting Science and Innovation in Agriculture in Pakistan

A meeting convened by the Government of Baluchistan  
Pakistan Agricultural Research Council (PARC)  
The Consultative Group on International Agricultural Research (CGIAR)

*Islamabad, 04 June, 2012*

*Venue: Margalla Motel,, Islamabad, 10:00 to 14:00 hours*

- 
- 1000 Recitation from Holy Quran
- 1005 Welcoming remarks  
Secretary Agriculture, Government of Baluchistan
- 1015 Introduction of the Workshop / Meeting, Naveed Salimi, Acting Chairman,  
PARC
- 1025 Agricultural Science, Technology, & Innovation in Pakistan. Challenges, ideas, and opportunities.  
Kingsley Bash, IFPRI
- 1040 Introduction to the Concept Note – Promoting Science and Innovation in Agriculture in Pakistan (PSIAP)  
and its current status – By: Shahid Masood and Rick Ward
- 1115 Round-Table Discussion on an overview of Balochistan's agriculture research and innovation system. DG  
(Research), Government of Baluchistan / DG (Agri. Extension) Government of Baluchistan, Goals (economic  
growth, food security, etc.) Capabilities and Gaps
- 1200 The Future of Science and Innovation: the Baluchistan perspective. (with a 15 mins tea break at 1215  
hours). Discussion leader: Secretary, Agriculture Government of Baluchistan
1. What are the priority sectors, projects, and beneficiaries for agricultural science and innovation in  
Baluchistan?
  2. Where are the opportunities for enhanced impact through coordination within Baluchistan between  
Baluchistan and other national and international actors?
    - a. Mechanisms of coordination within Baluchistan
    - b. Roles of private sector and farmers (civil society)
    - c. Roles of federal agencies (PARC etc.)
    - d. Roles of international actors (CGIAR, etc.)
  3. Needs and Priorities in manpower development
    - a. Technicians
    - b. Degree
    - c. mid-career
  4. Other questions and discussions
    - a. role of Science and Innovation in emergency relief.
- 1345 **Outcomes and concluding remarks**  
By: Secretary Agriculture, Government of Baluchistan
- Lunch at 14:00 hours

## Appendix 11: Agenda – SDPI Conference

<p align="center"><b>5<sup>TH</sup> SOUTH ASIA ECONOMIC SUMMIT</b></p> <p align="center"><b>MAKING GROWTH INCLUSIVE AND SUSTAINABLE IN SOUTH ASIA</b></p> <p align="center">11-13<sup>th</sup> September 2012, Marriott Hotel, Islamabad</p>	
<p align="center"><b>Day 1</b></p> <p align="center"><b>11<sup>th</sup> September 2012</b></p>	
<p><b>Registration of Participants (8.00 – 8.30am)</b></p> <p><b>Inaugural Session (9:00 – 10:30am)</b></p> <p>Chair: Syed Naveed Qamar, Federal Minister for Defense, Pakistan</p> <p>Welcome Address: Abid Q. Suleri, Executive Director, Sustainable Development Policy Institute (SDPI), Pakistan</p> <p>Inaugural Remarks:</p> <ul style="list-style-type: none"> <li>• Sham L. Bathija, Minister Senior Adviser for Economic Affairs to the President of Afghanistan</li> <li>• Rajiva Wijesinha, Member of Parliament, Sri Lanka</li> <li>• Madhu Raman Acharya, Former Secretary, Ministry of Foreign Affairs, Nepal</li> <li>• Suhrab Hossain, High Commissioner of Bangladesh in Pakistan</li> <li>• Mahendra P. Lama, Vice Chancellor, Central University of Sikkim, India</li> <li>• Statement by the Chair</li> </ul>	
<p><b>Report / Book Launch Event</b></p> <ul style="list-style-type: none"> <li>• Launch of MHHDC 2012 South Asia Human Development Report on Governance for People's Empowerment - Mahbubul Haq Human Development Centre, Pakistan</li> <li>• Book Launch: Economic Crisis, Pakistan and Sustainable Development – Sustainable Development Policy Institute, Pakistan</li> <li>• Book Launch: Global Recovery, New Risks and Sustainable Growth: Repositioning South Asia – Center for Policy Dialogue Bangladesh</li> <li>• Book Launch: Regional economic integration: Challenges for South Asia during turbulent times - South Asia Watch on Trade, Economics and Environment, Nepal</li> <li>• Book Launch: Foreign Aid in South Asia: Emerging Scenario – Institute of Policy Studies, Sri Lanka</li> <li>• Book Launch: The Poor Half Billion in South Asia</li> <li>• Report Launch: Pakistan Power Sector Outlook: Appraisal of the Karachi Electricity Supply Company (KESC) in Post Privatization Period – Sustainable Development Policy Institute, Pakistan</li> <li>• Report Launch: Situation Report on International Migration in South and South-West Asia – UN ESCAP</li> </ul>	
<p align="center"><b>Refreshments 10:30am – 11:00am (Marquee)</b></p>	
<p align="center"><b>11:00am – 12:45pm</b></p>	
<p><b>Plenary-I: Beyond MDGs and Post Rio Outlook: South Asian Goals towards Sustainable Development (Marquee)</b></p> <p>Chair: Nagesh Kumar, Director, UN-ESCAP South and South-West Asia Office, and ESCAP Chief Economist</p> <p>Invited Speakers:</p> <ul style="list-style-type: none"> <li>• Khalid Malik, Director, Human Development Report, United Nations Development Program, New York</li> <li>• Tariq Banuri, Former Director, Division for Sustainable Development, UN Department for Economic and Social Affairs</li> <li>• Priya Shyamsundar, Program Director, South Asian Network for Development and Environmental Economics (SANDEE)</li> </ul> <p>Special Comments:</p> <ul style="list-style-type: none"> <li>• Debapriya Bhattacharya, Senior Fellow, Centre for Policy Dialogue, Bangladesh</li> <li>• Abid Q. Suleri, Executive Director, Sustainable Development Policy Institute, Pakistan</li> <li>• Yeshey Selden, Head, Corporate Performance Monitoring, Druk Holding Investments, Bhutan</li> </ul>	
<p align="center"><b>Lunch (12:45pm – 2:00pm) (Marquee)</b></p>	

Concurrent Sessions 2:00pm – 3:45pm	
<b>A1: Regional Trade Agreements in South Asia: Current Outlook and Way Forward (Kohinoor)</b> Chair: Pradeep Mehta, Secretary General, Consumer Unity & Trust Society (CUTS International), India Invited Speakers: <ul style="list-style-type: none"> <li>• Saman Kelegama, Executive Director, Institute of Policy Studies, Sri Lanka</li> <li>• Safdar Sohail, Director General (Trade Policy), Ministry of Commerce, Pakistan</li> <li>• Special Comments:</li> <li>• Sonam Tashi, Head of Policy and Planning Division, Ministry of Economic Affairs, Bhutan</li> <li>• Ismail Nashid, Maldives Customs Service, Maldives</li> </ul>	
<b>A2: Food Security: Challenges and Way Forward in South Asia (Marquee)</b> Chair: Syeduzzaman, Former Finance Minister, Bangladesh Invited Speaker: <ul style="list-style-type: none"> <li>• David Orden, Senior Research Fellow, International Food Policy Research Institute, Washington DC</li> <li>• I. N. Mukherji, Professor and Senior Advisor, Research and Information System for Developing Countries, India</li> </ul> Special Comments: <ul style="list-style-type: none"> <li>• Sumith Nakandala, DG, Economic Affairs, Ministry of External Affairs, Sri Lanka</li> <li>• Mirwais Rahimzai, Executive Director, Civil Society Coordination Center (CSCC), Afghanistan</li> <li>• Abid Q. Suleri, Executive Director, Sustainable Development Policy Institute, Pakistan</li> <li>• Kamalesh Adhikari, Ph.D. Scholar, The Australian National University, Canberra</li> </ul>	
<b>A3: Regional Cooperation for Energy Security (Crystal Ball Room)</b> Chair: Kalpana Kochhar, Chief Economist, World Bank (South Asia) Invited Speakers: <ul style="list-style-type: none"> <li>• Dipak Gyawali, Chairman, Interdisciplinary Analysts, Nepal</li> <li>• Deepti Mahajan, The Energy Research Institute (TERI), India</li> </ul> Special Comments: <ul style="list-style-type: none"> <li>• Singye Dorji, Managing Director, Quod Erat Demonstrandum (QED), Bhutan</li> <li>• Hilal A. Raza, Director, SAARC Energy Center, Pakistan</li> <li>• Faisal Jameel, Energy Specialist, Planning Commission, Pakistan</li> </ul>	
Working Hi-Tea in All Halls	
Concurrent Sessions 4:00 – 5:45pm	
<b>A4: Regional Trade in Agriculture: Prospects for South Asia (Marquee)</b> Chair: Annisul Huq, Chairman & CEO Mohammadi Group, Bangladesh Invited Speakers: <ul style="list-style-type: none"> <li>• Rashmi Banga, Unit of Economic Cooperation &amp; Integration Among Developing Countries, UNCTAD, Geneva</li> <li>• Khondaker Golam Moazzem, Senior Research Associate, Centre for Policy Dialogue, Bangladesh</li> </ul> Special Comments: <ul style="list-style-type: none"> <li>• Pradeep Kumar Shrestha, Managing Director, Panchakanya Group, Nepal</li> <li>• Cherian Mathews, Deputy Regional Director, Oxfam GB Asia, Bangkok, Thailand</li> <li>• Bhim Raj Gurung, Agriculture Marketing Specialist, Ministry of Agriculture and Forests, Bhutan</li> </ul>	
<b>A5: Climate Change and South Asia – Examining Empirical Evidence (Kohinoor)</b> Chair: Priya Shyamsundar, Program Director, South Asian Network for Development and Environmental Economics (SANDEE) Invited Speakers: <ul style="list-style-type: none"> <li>• Heman Lohano, Institute of Business Administration, Pakistan</li> <li>• Muhammad Iftikharul Husnain, Federal Urdu University, Pakistan</li> <li>• Prakash Karn, Heifer International, Nepal</li> <li>• Joyashree Roy, Economics Department, Jadavpur University, Kolkata, India</li> <li>• Saudamini Das, Institute of Economic Growth, New Delhi, India</li> </ul>	

<p><b>A6: Regional Cooperation on Water: Opportunities for South Asia (Crystal Ball Room)</b></p> <p>Chair: Saeed Shafqat, Chairperson, Board of Governors, Sustainable Development Policy Institute, Pakistan</p> <p>Invited Speakers:</p> <ul style="list-style-type: none"> <li>• Divas Basnyat, Executive Director, Nepal Development Research Institute, Nepal</li> <li>• Anjal Prakash, Executive Director, SasiWaters, India</li> <li>• Shakeel A. Ramay, Senior Research Associate, Sustainable Development Policy Institute, Pakistan</li> </ul> <p>Special Comments</p> <ul style="list-style-type: none"> <li>• Gem Tshering, Director, Transmission Wing, Bhutan Power Corporation, Bhutan</li> <li>• Khondaker Azharul Haq, Executive Member, Global Water Partnership, Bangladesh</li> </ul>
<p><b>Dinner 8:00pm (Marquee) By Invitation Only</b></p> <p>Hosted by SAARC Chamber of Commerce and Sustainable Development Policy Institute (SDPI)</p> <p>Special Remarks:</p> <p>Saeed Shafqat, Chairperson, Board of Governors, Sustainable Development Policy Institute, Pakistan</p> <p>Iftikhar Malik, Vice President, SAARC Chamber of Commerce and Industry, Pakistan</p> <p>Remarks by Chief Guest: Qamar Zaman Kaira. Federal Minister for Information &amp; Broadcasting, Pakistan</p>
<p><b>Day 2</b></p> <p><b>12<sup>th</sup> September 2012</b></p>
<p><b>9:00 – 10:40am</b></p>
<p><b>Plenary-II Post Economic Crisis Outlook of South Asia: Moving towards Inclusive Growth &amp; Sustainable Development (Marquee)</b></p> <p>Chair: Nadeem Ul Haque, Minister and Deputy Chairman, Planning Commission of Pakistan</p> <p>Invited Speakers:</p> <ul style="list-style-type: none"> <li>• Nagesh Kumar, Director, UN-ESCAP South and South-West Asia Office, and ESCAP Chief Economist</li> <li>• Kalpana Kochhar, Chief Economist, World Bank (South Asia)</li> </ul> <p>Special comments:</p> <ul style="list-style-type: none"> <li>• Posh Raj Panday, Executive Chairman, South Asia Watch on Trade, Economics and Environment (SAWTEE), Nepal</li> <li>• Fareeha Shareef, Chief Executive Officer, FJS Consulting, Maldives</li> <li>• Vaqar Ahmed, Head (Economic Growth Unit), Sustainable Development Policy Institute, Pakistan</li> </ul>
<p><b>Refreshments 10:40 – 11:00am (Marquee)</b></p>
<p><b>Concurrent Sessions 11:00 - 12:45pm</b></p>
<p><b>B1: Transport &amp; Logistics Corridors: South Asian Outlook (Marquee)</b></p> <p>Chair: TBC</p> <p>Invited Speakers:</p> <ul style="list-style-type: none"> <li>• Prabir De, Fellow, Research and Information System for Developing Countries, India</li> <li>• R.B. Rauniyar, Managing Director, Interstate Multi-Modal Transport, Nepal</li> </ul> <p>Special Comments:</p> <ul style="list-style-type: none"> <li>• Muhammad Umer Daudzai, Ambassador of Afghanistan to Pakistan</li> <li>• Anushka Wijesinha, Research Economist, Institute of Policy Studies, Sri Lanka</li> <li>• Ghulam Samad, Research Economist, Pakistan Institute of Development Economics, Pakistan</li> <li>• Thinley Palden Dorji, Vice President, Bhutan Chamber of Commerce &amp; Industry, Bhutan</li> </ul>
<p><b>B2: Economic Growth without Welfare and Sustainable Development: The Case of South Asia (Crystal Ball Room)</b></p> <p>Chair: Mahabub Hossain, Executive Director, Bangladesh Rural Advancement Committee (BRAC), Bangladesh</p> <p>Invited Speaker:</p> <ul style="list-style-type: none"> <li>• Akmal Hussain, Distinguished Professor (Economics), Forman Christian College and Beaconhouse National University, Pakistan</li> <li>• Aynul Hasan, Chief, United Nations Economic and Social Commission for Asia and the Pacific (ESCAP), Bangkok</li> </ul> <p>Special Comments:</p> <ul style="list-style-type: none"> <li>• Haroon Sharif, Head (Economic Growth Group), Department for International Development, UK</li> <li>• Anuradha Rajivan, Team Leader, Inclusive Growth &amp; Poverty Reduction Unit, UNDP-Asia-Pacific Regional Centre, Bangkok, Thailand</li> <li>• Arif Naveed, Senior Research Associate, Sustainable Development Policy Institute, Pakistan</li> </ul>

<p><b>B3: Liberalization of Services Trade in South Asia (Kohinoor)</b></p> <p>Chair: Mustafizur Rahman, Executive Director, Center for Policy Dialogue, Bangladesh</p> <p>Invited Speakers:</p> <ul style="list-style-type: none"> <li>• Dilli Raj Khanal, Founder Chairman, Institute for Policy Research and Development (IPRD), Nepal</li> <li>• Zafar Mehmood, H.E.C Professor, Pakistan Institute of Development Economics, Islamabad</li> </ul> <p>Special Comments:</p> <ul style="list-style-type: none"> <li>• Chhime Tshering, Chief Trade Negotiator, Department of Trade, Bhutan</li> <li>• Haji Raheemudin, Deputy Director of Afghanistan Advisory Board of National Entrepreneurs, Afghanistan</li> <li>• Kosala Wickramanayaka, Vice President SAARC Chamber of Commerce and Industry, Sri Lanka</li> <li>• Mir Tanzim Nur Angkur, Research Associate, South Asian Network on Economic Modeling (SANEM), Bangladesh</li> </ul>
<b>Lunch 12:45 – 2:00pm (Marquee)</b>
<b>Concurrent Sessions 2:00 – 3:45pm</b>
<p><b>B4: Competition Law &amp; Policy in the South Asia (Marquee)</b></p> <p>Chair: Khalid Aziz Mirza, Former Chairperson, Competition Commission of Pakistan</p> <p>Invited Speakers:</p> <ul style="list-style-type: none"> <li>• Pradeep Mehta, Secretary General, Consumer Unity &amp; Trust Society (CUTS International), India</li> <li>• Joseph Wilson, Member, Competition Commission of Pakistan</li> <li>• Iqbal Tabish, General Secretary, SAARC Chamber of Commerce and Industry, Pakistan</li> </ul> <p>Special Comments:</p> <ul style="list-style-type: none"> <li>• Mohammed Abdullah Raihan, Chairman, Redwan International Limited, Bangladesh</li> <li>• Paras Kharel, Research Coordinator, South Asia Watch on Trade, Economics and Environment (SAWTEE), Nepal</li> </ul>
<p><b>B5: Migration across South Asia: Emerging Trends &amp; Opportunities (Crystal Ball Room)</b></p> <p>Chair: Ashfaque Hasan Khan, Dean, NUST Business School, Pakistan</p> <p>Invited Speakers:</p> <ul style="list-style-type: none"> <li>• Madhu Raman Acharya, Executive Director, South Asia Centre for Policy Studies(SACEPS), Nepal</li> <li>• S. Irudaya Rajan, Professor (International Migration), Centre for Development Studies, India</li> </ul> <p>Special Comments:</p> <ul style="list-style-type: none"> <li>• Dushni Weerakoon, Deputy Director, Institute of Policy Studies, Sri Lanka</li> <li>• Mome Saleem, Senior Researcher, Sustainable Development Policy Institute, Pakistan</li> <li>• Tridivesh Singh Maini, Independent Foreign Policy Analyst, India</li> </ul>
<p><b>B6: Social Accountability as catalyst for Inclusive development in South Asia (Kohinoor)</b></p> <p>Chair: Naimur Rehman, Chief Operating Officer, Affiliated Network for Social Accountability, India</p> <p>Invited Speakers:</p> <ul style="list-style-type: none"> <li>• R. Suresh, Director, Public Affairs Centre, India</li> <li>• Rizwan Khair, Head, Institute of Governance, Bangladesh Rural Advancement Committee (BRAC), Bangladesh</li> <li>• Fayyaz Yaseen, Economist and Senior Researcher at Sustainable Development Policy Institute, Pakistan</li> </ul> <p>Special Comments:</p> <ul style="list-style-type: none"> <li>• Arifa Khalid, Member of Provincial Assembly, Punjab Province, Pakistan</li> <li>• Shafqat Munir, Regional Asia Rights Coordinator, Oxfam GB, Pakistan</li> <li>• Sriyane Wijesundara, Coordinator, Governance &amp; Anti-Corruption Program Centre for Policy Alternatives, Sri Lanka</li> <li>• Nuzat Jabeen, Manager Operations, Affiliated Network for Social Accountability (ANSA), Bangladesh</li> </ul>
<b>Working Hi-Tea in All Halls</b>
<b>Concurrent Sessions 4:00 – 5:45pm</b>

<p><b>B7: Costs of Economic non-cooperation to Consumers in South Asia (Marquee)</b>  Chair: Sanetor Haji Adeel, Senior Vice President, Awami National Party, Pakistan  Moderator: Gareth Aicken, Country Representative, The Asia Foundation, Pakistan  Presentation: Bipul Chatterjee, Deputy Executive Director, Consumer Unity &amp; Trust Society (CUTS International), India  Special Comments:</p> <ul style="list-style-type: none"> <li>• Syed Munir Khasru, Chairman, Institute for Policy, Advocacy and Governance, Bangladesh</li> <li>• Qasim Shah, Director Programs, Sustainable Development Policy Institute, Pakistan</li> <li>• Paras Kharel, Research Coordinator, South Asia Watch on Trade, Economics and Environment (SAWTEE), Nepal</li> <li>• Roubina Athar, Joint Secretary, Ministry of Commerce, Pakistan</li> </ul>
<p><b>B8: Potential Supply Chains in South Asia: Identification &amp; Prospects (Crystal Ball Room)</b>  Chair: Tariq Saeed, Former President, SAARC Chamber of Commerce, Pakistan  Invited Speakers:</p> <ul style="list-style-type: none"> <li>• Mohammad A. Razzaque, Commonwealth Secretariat, UK</li> <li>• Khalid Mahmood, Executive Director, Centre for Enterprise, Trade and Development (CEETAD), Pakistan</li> <li>• Ali Khizar, Head of Research, Business Recorder, Pakistan</li> </ul> <p>Special Comments:</p> <ul style="list-style-type: none"> <li>• Sujeiva Samaraweera, Secretary, National Chamber of Commerce, Sri Lanka</li> <li>• Raniya Sobir, Vice President, Total Synergy Consulting, Maldives</li> <li>• Amir Mustafa, SAARC Human Resource Development Centre</li> </ul>
<p><b>B9: Regional Tourism Potential in South Asia (Kohinoor)</b>  Chair: Amin Hashwani, Co-Chairman, India-Pakistan CEO's Business Forum, Pakistan  Invited Speakers:</p> <ul style="list-style-type: none"> <li>• Ahmed Naseer, Former Minister for Finance, Maldives</li> <li>• Mahendra P. Lama, Vice Chancellor, Central University of Sikkim, India</li> <li>• Ali Akber, General Manager, Pakistan Tourism Development Corporation, Pakistan</li> </ul> <p>Special Comments:</p> <ul style="list-style-type: none"> <li>• Kinley Wangdi, Corporate Performance Division, Tourism Council of Bhutan</li> <li>• Prachanda Man Shrestha, Former CEO, Nepal Tourism Board, Nepal</li> </ul>
<p style="text-align: center;"><b>Day 3</b>  <b>13th September 2012</b>  <b>(9:00 – 10:40am)</b></p>
<p><b>Plenary-III Development Agenda for a New South Asia (Marquee)</b>  Chair: Rehman Sobhan, Chairman, Centre for Policy Dialogue, Bangladesh  Invited Speakers:</p> <ul style="list-style-type: none"> <li>• Saman Kelegama, Executive Director, Institute of Policy Studies, Sri Lanka</li> <li>• Malalai Shinwari, Former Member of Parliament, Afghanistan</li> <li>• Khadija Haq, President, Mahbubul Haq Human Development Center, Pakistan</li> <li>• Jagadish C Pokharel, Former Vice Chairman, National Planning Commission, Nepal</li> <li>• Ratin Roy, Director, Asia-Pacific Regional Manager, United Nations Development Program</li> </ul>
<p style="text-align: center;"><b>Refreshments 10:40 – 11:00am (Marquee)</b></p>
<p style="text-align: center;"><b>Concurrent Sessions 11:00am – 12:45pm</b></p>
<p><b>C1: Trade Normalization between India &amp; Pakistan: Prospects for South Asia (Kohinoor)</b>  Chair: Khurram Dastgir Khan, Member of National Assembly and Chairman, National Assembly Standing Committee on Commerce, Pakistan  Invited Speakers:</p> <ul style="list-style-type: none"> <li>• Vikramjit Singh Sahney, President SAARC Chamber of Commerce and Industry, India</li> <li>• Huma Fakhir, Managing Director, MAP Services Group, Pakistan</li> </ul> <p>Special Comments:</p> <ul style="list-style-type: none"> <li>• Shahid Ahmed, Professor (Economics), Jamia Millia University, New Dehli, India</li> <li>• Amin Hashwani, Co-Chairman, India-Pakistan CEO's Business Forum, Pakistan</li> </ul>

<ul style="list-style-type: none"> <li>Mian Waqas Masud, Director Fazal Industries, Pakistan</li> </ul>
<p><b>C2: Development Agenda for a New South Asia: Perspectives from Development Partners (Crystal Ball Room)</b></p> <p>Chair: Ahsan Iqbal, Member of National Assembly, PML (N), Pakistan</p> <p>Invited Speakers:</p> <ul style="list-style-type: none"> <li>Nicolas Fornage, Country Director for Pakistan, French Development Agency</li> <li>Stephen Commins, UCLA School of Public Affairs, USA</li> <li>Jean-luc Stalon, Deputy Country Director, UNDP Pakistan</li> </ul> <p>Special Comments:</p> <ul style="list-style-type: none"> <li>Chris Garroway, Associate Economic Affairs Officer, United Nations Economic and Social Commission for Asia and the Pacific (ESCAP), South and South-West Asia Office</li> <li>Sumeet Saksena, Fellow, The East-West Center</li> </ul>
<p><b>C3: Climate Change Challenges for Sustainable Development (Marquee)</b></p> <p>Chair: Ishfaq Ahmad, Chairman, Board of Governors, National Centre for Physics and Senior Advisor (Climate Change), Planning Commission of Pakistan</p> <p>Moderator: David Orden, Senior Research Fellow, International Food Policy Research Institute, Washington DC</p> <p>Invited Speakers:</p> <ul style="list-style-type: none"> <li>Antoine Bouet, Senior Research Fellow, International Food Policy Research Institute, Washington DC</li> <li>Munawar Saeed Bhatti, Additional Secretary, United Nations &amp; Economic Coordination, Ministry of Foreign Affairs, Pakistan</li> <li>Biplove Choudhary, Program Specialist, UNDP Asia-Pacific Regional Centre, Bangkok, Thailand</li> </ul> <p>Special Comments:</p> <ul style="list-style-type: none"> <li>Fahmida Khatun, Head of Research, Center for Policy Dialogue, Bangladesh</li> <li>Puspa Sharma, Research Director, South Asia Watch on Trade, Economics and Environment (SAWTEE), Nepal</li> </ul>
<b>Lunch 12:45 – 2:00pm</b>
<b>2:00 – 3:45pm</b>
<p><b>Plenary-IV: Inclusive &amp; Sustainable South Asia: Options for a Collective Response (Marquee)</b></p> <p>Chief Guest: Hina Rabbani Khar, Federal Minister for Foreign Affairs, Pakistan</p> <p>Summary of Recommendations: Abid Q. Suleri, Executive Director, Sustainable Development Policy Institute, Pakistan</p> <p>Special Remarks:</p> <ul style="list-style-type: none"> <li>Sham L. Bathija, Minister Senior Adviser for Economic Affairs to the President of Afghanistan</li> <li>Nihal Rodrigo, Former Secretary General, SAARC, Sri Lanka</li> <li>Ahmed Naseer, Former Minister of State for Finance, Maldives</li> <li>Vikramjit Singh Sahney, President SAARC Chamber of Commerce and Industry, India</li> <li>Muchkund Dubey, Co-Chairman, SACEPS &amp; President, Council for Social Development, India</li> <li>Rehman Sobhan, Chairman, Centre for Policy Dialogue, Bangladesh</li> <li>Remarks by Chief Guest</li> </ul>
<p>Summit Announcements &amp; Vote of Thanks: Vaqar Ahmed, Head (Economic Growth Unit), Sustainable Development Policy Institute, Pakistan</p>
<b>Refreshments 4:30pm ( Marquee)</b>



## Appendix 12: Competitive Grants Program (CGP) 2012

### I – Conference Agenda



### Increasing Productivity and Unleashing Growth in Pakistan

A Conference by  
**The Pakistan Strategy Support Program: Shaping a Policy Research Agenda**  
Serena Hotel, Islamabad

#### Saturday, May 26

- 8:00-8:45      **Registration**
- 9:00-10:15    **Inaugural Session**  
Chairperson: Nadeem Ul Haque, Deputy Chairman, Planning Commission  
Distinguished Guest: Rodger Garner, Deputy Mission Director, USAID  
*The Importance of Effective Research for Policy Making: Unleashing the Growth Potential of Pakistan*  
Paul Dorosh, IFPRI
- 10:15-10:45    Tea
- 10:45-12:30   **Governance for Growth I**  
Chairperson: Rachid Benmessaoud, Country Director, World Bank  
*Institutional Setting for Growth and Equity Objectives*  
Akmal Hussain, BNU  
*Governance Challenges for Agricultural and Rural Growth*  
Regina Birner, University of Hohenheim, Germany  
*Increasing Agricultural Productivity through Science and Innovation*  
David Spielman, IFPRI  
*Investments and Policy Reform to Meet Water Challenges*  
Stephen Davies, Colorado State University, USA
- 12:30-1:15    Lunch (buffet)
- 1:15-3:15      **PSSP Research Competitive Grant Proposals I**

Chairperson: Timo Pakkala, Resident Coordinator, UN Pakistan / Resident Representative, UNDP

3:15-3:45 Tea

3:45-5:45 **PSSP Research Competitive Grant Proposals II (Video Presentations)**

Chairperson: George Turkington, Head of DFID Pakistan

7:30-9:30 Conference Dinner

Chairperson: Nadeem Ul Haque, Deputy Chairman, Planning Commission

Distinguished Guest: Ms. Rebecca Shaw, First Secretary, AusAid, Australian Embassy

*Global Agricultural Research: Lessons for Pakistan*

Jock Anderson, University of New England, Australia

### **Sunday, May 27**

8:00-8:45 Registration

9:00-10:45 **Governance for Growth II**

Chairperson: Werner Liepach, Resident Representative, ADB

*Energy and the New Growth Framework*

Rashid Aziz, World Bank

*Poverty, Inequality and Human Capital Acquisition*

Ali Cheema, Karachi School for Business and Leadership

*Land Markets, Productivity and Growth*

Imran Ali, LUMS

*High Value Agriculture*

Iqrar Ahmad Khan, University of Agriculture, Faisalabad

10:45-11:15 Tea

11:15-12:30 **PSSP Research Competitive Grant Proposals III**

Chairperson: Ms. Rhonda Gossen-Ehsani, Head of Aid, CIDA

12:30-1:15 Lunch (buffet)

1:15-3:15 **PSSP Research Competitive Grant Proposals IV (Small Grants)**

Chairperson: (TBC)

3:15-3:30 Tea

3:30-5:30 **Competitive Grant Proposals V**

Chairperson: H. E. Lars Gunnar Wigemark, Ambassador/Head of Delegation, The EU Delegation to Pakistan

5:30-5:45 Closing Session

## Grant Proposal Presentations

### **Saturday, May 26**

#### **1:15-3:15      Competitive Grant Proposals I**

*Estimating Size and Operations of Public Sector and its Impact on Wheat Markets in Pakistan: A Post-18th Constitutional Amendment Inquiry*

(ID No. 240) Vaqar Ahmed – Sustainable Development Policy Institute, Islamabad

*Social Safety Nets for Food Security of Small Farmers: Policy Implications for Pro-Poor Growth in Resource Scarce Regions*

(ID No. 164) Babar Shahbaz – University of Agriculture, Faisalabad

*An Assessment of Skill Gap among University Graduates for Employability and Performance in Industries situated in Gujrat-Sialkot-Gujranwala Industrial Cluster*

(ID No. 152) Atif Ali Jaffri – University of Gujrat, Gujrat

*Failed Enterprises*

(ID No. 268) Khalid Mahmood – Centre for Enterprise, Trade and Development (CEETAD), Lahore

*Maximizing Farm Income and Other Livelihood Opportunities through Introduction of High Value Minor Crops in District Swat*

(ID No. 104) Hassan Sher – University of Swat, Swat

*The Impact of a University on Local Development - Case Study of University of Gujrat*

(ID No. 266) Hans Frey – Council of Social Sciences, Islamabad

#### **3:45-5:45      Competitive Grant Proposals II (Video Presentations)**

*Structural Constraints on Public Goods Provision: Evidence from Pakistan*

(ID No. 263) Adeel Malik and Rinchan Ali Mirza – University of Oxford, UK

*Patron-Client Relationships and Rural Public Service Delivery in Pakistan*

(ID No. 189) Azam Chaudhry – Lahore School of Economics, Lahore

Presented by Ms. Kate Vyborny – University of Oxford, UK

*Is Pakistan's financial system conducive to economic growth?*

(ID No. 254) Kamal Munir – University of Cambridge, UK

Presented by Ms. Natalya Naqvi – University of Cambridge, UK

*Essays on the Political Economic Consequences of Pakistan's Linguistically Fractured Educational System*

(ID No. 169) Ms. Zehra Aftab – American University, USA

*Agent-Based Modeling Simulations for Solving Pakistan's Urban Challenges*  
(ID No. 168) Hilton Root and Ammar Malik – George Mason University, USA

*Allocative Inefficiency, Tenure Systems and Poverty in Irrigated Agriculture in Pakistan*  
(ID No. 129) Ariel Dinar – University of California-Riverside, USA  
Presented by Sanval Nasim – University of California-Riverside, USA

## **Sunday, May 27**

### **11:00-12:15 Competitive Grant Proposals III**

*Assessment of Student Critical Thinking Development in Support of the Implementation of the New Growth Strategy*  
(ID No. 107) Mir Anjum Altaf – Lahore University of Management Sciences, Lahore

*Tax Policy Research to Support a New Growth Framework for Sustained Economic Growth of Pakistan*  
(ID No. 255) Daniyal Aziz – Governance Institutes Network International, Islamabad

*How Efficient and Livable is the City of Karachi? (Quantifying the Costs of Inefficiencies)*  
(ID No. 271) Kaiser Bengali – Applied Economics Research Center, Karachi

*Integrating Rural Urban Linkages for Regional Development in the Province of Sindh: A Cluster Based Approach*  
(ID No. 257) Noman Saeed – Applied Economics Research Center, Karachi

### **1:00-3:00 Competitive Grant Proposals IV (Small Grants)**

*An Essay on Consumption Hypotheses*  
(ID No. 279) Khalid Khan – Lasbela University of Agriculture Water and Marine Sciences, Uthal, Baluchistan

*Batkhela (Malakand) Bazar: A Catalyst for Socio-Economic and Political Change*  
(ID No. 187) Muhammad Ayub Jan – University of Peshawar, Peshawar

*Qualitative and Quantitative Analyses of Antibiotics, Heavy Metals, Mycotoxins, and Pesticides Residues in Milk, Eggs and Meat Meant for Human Consumption*  
(ID No. 102) Muhammad Younus – University of Veterinary and Animal Sciences, Jhang

*Livelihood Diversification and Rural Poverty: Rethinking the Links in the Punjab and Sindh Provinces*  
(ID No. 265) Faisal Jamil – Planning Commission of Pakistan, Islamabad

*What Determines Farmers' Response towards Adopting Modern Technology in KP?*  
(ID No. 242) Shahnaz Akhtar – KP Agricultural University, Peshawar

*An Economic Evaluation of Fisheries Sector of Pakistan under Thematic New Growth Strategy to Devise Alternate Sustainable Fisheries Policy*

(ID No. 241) Samina Khalil– Applied Economics Research Center, Karachi

*The Size and Nature of Informal Entrepreneurship in Pakistan and How to Tackle It*

(ID No. 179) Muhammad Shehryar Shahid – University of Central Punjab, Lahore

### **3:30-5:30      Competitive Grant Proposals V**

*Economic Growth and Protection of Life, Property and Contracts*

(ID No. 272) Shabib Haider Syed – Forman Christian College, Lahore

*Evaluating the Working of Pakistani Organization: Whether the Employees and Customers are Satisfied*

(ID No. 274) Anwar F. Chishti – Muhammad Ali Jinnah University, Islamabad

*Economic Analysis of Challenges in Development of High-Value Agriculture*

(ID No. 150) Muhammad Ashfaq – University of Agriculture, Faisalabad

*Identification and Assessment of Key Adaptation Measures to Climate Change in Highly Vulnerable Regions of Pakistan*

(ID No. 224) Irfan Ahmad Baig – PMAS-Arid Agriculture University, Rawalpindi

*Enhancing Water Productivity by Using Feasible Efficient Irrigation Techniques*

(ID No. 196) Allah Bakhsh – University of Agriculture, Faisalabad

*DNA Barcoding and Biochemical Profiling of Medicinal Plants of Northern and Desert Areas of Pakistan: Improving Socio-economic Standard of People of these Regions*

(ID No. 167) Amer Jamil – University of Agriculture, Faisalabad

## II – CGP Call for Proposals CGP Round 1



### Competitive Grants Program

#### Call for Applications

Proposals due 31 October 2012

(Call for Applications circulated 10 August 2012)

### Research to Support the Framework for Economic Growth of Pakistan

In May 2011 the National Economic Council of Pakistan adopted a new *Framework for Economic Growth* recommended by Deputy Chairman Nadeem Ul Haque and the Planning Commission. The new Framework aims at fostering sustained higher growth and enhanced quality of life through improved governance, vibrant markets, creative and connected cities, and energetic youth and communities. The *Framework* calls for Pakistan to adopt an ongoing process of reform to improve public service delivery, foster economic competition and international trade, enhance innovation and entrepreneurship, increase youth employment, and raise labor and total economic productivity.

In July 2011, with the support of the Planning Commission, the International Food Policy Research Institute (IFPRI), in collaboration with Innovative Development Strategies (Pvt.) Ltd., launched the Pakistan Strategy Support Program (PSSP). The PSSP is funded by the United States Agency for International Development (USAID) and guided by a National Advisory Committee chaired by Nadeem Ul Haque. The PSSP has a focus on agriculture and the rural economy with an overall agenda that supports the *Framework for Economic Growth*.

Fostering innovation within the academic and policy-oriented research communities of Pakistan is vital to the new growth strategy. Under the leadership of Nadeem Ul Haque, the PSSP joins with the Planning Commission of Pakistan to announce this second Call for Applications for Research Competitive Grants. The Competitive Grants Program is guided by a Research Advisory Committee (RAC) comprised of fourteen senior Pakistani and international economic development scholars. Under the first grants program, 22 awards were announced 6 June 2012 with total funding of \$490,000 for the first year of the projects.

## Program Description

### Eligible Research

Proposals are sought for economic and other social science research that identifies key policy decisions that will support the new growth strategy; assesses empirically the impacts of those decisions; evaluates constraints to policy reform; and examines alternative policy recommendations to enhance their impact. This is a broad-based call for proposals across the four thematic areas of the *Framework for Economic Growth*.

Specifically, the proposals should be in conformity with reform ideas envisaged in the *Framework*. The intent is that the research will deepen knowledge of the *Framework* issues at the local and the national levels. Some of the themes that can be addressed are as follows:

### *Quality Governance*

- Measurement of public service delivery
- Civil service reform: compensation, human resource management, management, training and talent retention, skill needs and availability
- Local governance and its impact on development
- Efficacy of government market regulation
- Size and role of government and its impact on investment
- Management and performance of public sector enterprises to lessen the drain on the economy
  - Financial and management structure
  - Causes of losses and performance failures
  - Alternative management structures and avenues for privatization and public-private partnerships

### *Vibrant Markets*

- Assessing the state of market competition, including issues of cartelization, entry barriers and regulatory capture
- Assessing openness, including protection policy and its impact
- State of entrepreneurship
- State of labor markets
- Financial market development and competition
- Cost of doing business, market entry and entrepreneurship in local areas
- Property rights and the state of land and real estate markets
- Technology and productivity: sources of growth generation and impacts on agriculture, manufacturing and large-scale services

### *Creative Cities*

- Assessing urban development using international yardsticks to develop new data bases (density, high rise, mixed use and walkability of city centers are considered desirable)
- The economy of cities
- Urban output and productivity
- Identity and comparative advantage
- Dispersed urbanization and growth of rural towns

Demand for city services and the quality of supply (e.g. is there an excess demand for retail, office space or community space and why does it persist?)

State of the urban construction industry to understand constraints to growth

Administration and regulation from the point of view of growth--exit voice loyalty

Government control of prime urban space and its ramifications for growth

Public transport: issues in demand and supply

Connectivity of cities to globalization

### *Youth and Community*

The state of the community

Youth entrepreneurship and employment

Income and wealth distribution and the sustainability of economic growth

Local action, NGOs and community associations

Education facilities as public spaces

Current state and policy on public spaces for youth and the excluded: town squares, community centers, libraries, internet access

Understanding youth needs and opportunities

### Categories of Grants

The second PSSP Competitive Grants Program offers two categories of grants:

- Small Grants: For project to be completed within one year, grants up to US\$20,000
- Large Grants: For projects of one or two years duration, grants up to US\$50,000 per year

An applicant's choice of which grant size to apply for and their proposed budget should be commensurate with the scale of the proposed research. As with the first set of grants awarded (6 June 2012), the RAC may initially fund two-year projects for their first year only, with extension of funding dependent upon progress of the project.

### Applicant Qualifications

Proposals are solicited from faculty members and staff at national and provincial universities and research institutes within Pakistan. Proposals are also solicited from scholars at foreign universities and research institutes with interest in the economic growth and policy issues of Pakistan. Proposals are encouraged that support Pakistani graduate students enrolled in Ph.D. and thesis-based master's degree programs at Pakistani and foreign universities. Special consideration will be given to proposals from institutions located in disadvantaged areas of Pakistan.

Proposals from each of the three groups of applicants will be evaluated in separate competitive categories. Outstanding proposals from each category are anticipated to be funded. Proposals may be submitted by individual applicants or by teams of up to four co-investigators. Collaborative proposals by teams based at multiple institutions are encouraged.



## **Application Guidelines**

### **Elements of the Grant Application**

English is the language used in the PSSP Competitive Grants Program. Applications must include the following:

- Attached Application Cover Sheet (one for each Principal Investigator)
- Title Page, Abstract (up to 250 words), and Table of Contents
- Description of the proposed research including a problem statement; brief review of relevant existing studies (no more than 2 pages); hypotheses maintained and to be tested; proposed technical approach to the research; sources of data; potential pitfalls facing the analysis; anticipated uses of the results; policy implications and potential beneficiaries; and list of references. This body of the proposal must not exceed 12 single-spaced pages with size 12 type font.
- For applicants who are faculty members and research staff, a curriculum vita for each Principal Investigator
- For applications for which a substantial portion of requested funds will be used to support a graduate student, (i) an official transcript of graduate coursework completed and list of planned additional course enrollment, and (ii) a letter of recommendation from the applicant's principal advisor (to maintain confidentiality, the letter of recommendation may be submitted to PSSP by the 31 October 2012 deadline but separately from the other application materials)
- Timeline for achieving each phase of the research
- Budget indicating proposed expenditures and a brief explanation of each cost. Budget may include such items as direct salary and fringe benefit costs for Principal Investigators, research assistants, or graduate students; graduate student tuition; data acquisition or collection including field surveys; travel (including for study leave abroad, presentation of the research, or other relevant purposes); and equipment. Institutional overhead is limited to 15 percent of the total project cost. The budget explanation should indicate any additional funding available or expected to be received in support of the proposed research. However, cost-sharing is not required for PSSP competitive grants.

### **Submission Process and Deadline**

Applications must be submitted electronically to [IFPRI-PSSPGrants@cgiar.org](mailto:IFPRI-PSSPGrants@cgiar.org). Complete applications will be acknowledged by return email within 14 days of submission.

Applications are due 31 October 2012 by midnight Pakistan Standard Time (PST). Incomplete applications and applications received after this deadline will not be considered.

## **Operation of the Competitive Grants Program**

### Selection Criteria and Process

All complete grant applications will be reviewed by a scholarly review panel composed of members of the RAC. Proposals will be evaluated on the basis of importance of the topic and relevance to the challenges identified in the *Framework for Economic Growth*; cohesion and creativity of the proposed research; technical feasibility of the proposed analysis; and qualifications of the Principal Investigator(s) for undertaking the proposed study. Equal weight will be given to each criterion.

Top-ranked proposals will be invited for oral presentation (in person or by video) before the review panel at a workshop in Islamabad 7-10 February 2013.

Selection decision and grant awards will be announced by 28 February 2013.

### Disbursement of Funds

Disbursement of funds to successful grant applicants will occur in three tranches: one upon completion of the contract for the awarded proposal; one upon acceptance by the review panel of an interim research report (due at six months); and one upon acceptance by the review panel of the project's final research report.

Contracts for the selected awards can be through an applicant's institution or on an individual basis with approval from their institution. Contracts for the awards announced in February 2013 are for projects to begin as early as 15 April 2013 and no later than 15 June 2013.

## **Expected Outputs and Grants Program Workshops**

Grant recipients are expected to produce a research article or monograph of international peer-reviewed publication quality. Interim and final reports submitted to the review panel for approval of grant fund disbursements are expected to be intermediate products leading to this final published output.

The PSSP Competitive Grants Program will organize a series of annual research workshops. Grant recipients are expected to make at least one presentation of their work corresponding to their interim research report and/or a presentation corresponding to their final research report. Travel expenses for these presentations will be provided separately from the grant budgets.

The first Competitive Grants Program workshop was held 26-27 May 2012 for presentation of short-listed proposals from the first competition. The second workshop will be 7-10 February 2013. Interim reports from the awardees announced in June 2012 will be presented, along with the short-listed proposals for new projects. Members of the review panel and other invitees will participate in the workshop.

## **Grants Program Administration**

The PSSP Competitive Grants Program is guided by its fifteen-member Research Advisory Committee chaired by Nadeem Ul Haque, Deputy Chairman of the Planning Commission. A list of the RAC members is attached.

The Competitive Grants Program is administered by the IFPRI Pakistan Strategy Support Program, which is responsible for implementation of grant selection decisions made by the RAC, disbursement of funds based on fulfillment of the grant requirements by recipients, and other operational aspects of the program.

### Questions about the PSSP Competitive Grants Program

The Call for Applications for the 31 October PSSP Competitive Grants Program is available electronically on the Planning Commission web site ([www.pc.gov.pk](http://www.pc.gov.pk)) and at [www.pssp.ifpri.info](http://www.pssp.ifpri.info). It can also be requested at [IFPRI-PSSPGrants@cgiar.org](mailto:IFPRI-PSSPGrants@cgiar.org).

Questions about the PSSP Competitive Grants Program may be addressed to [IFPRI-PSSPGrants@cgiar.org](mailto:IFPRI-PSSPGrants@cgiar.org). Questions will be answered by return email within seven days.

### III – Final List of Selected Research Proposals



#### List of Selected Research Proposals 2012 Competitive Grants Program – Round 1

1. **Qualitative and Quantitative Analyses of Antibiotics, Heavy Metals, Mycotoxins, and Pesticides Residues in Milk, Eggs and Meat Meant for Human Consumption**  
Muhammad Younus, College of Veterinary and Animal Sciences, Jhang
2. **DNA Barcoding and Biochemical Profiling of Medicinal Plants of Northern and Desert Areas of Pakistan: Improving Socio-economic Standard of the People of these Regions**  
Amer Jamil, University of Agriculture, Faisalabad
3. **Economic Analysis of Challenges in Development of High-Value Agriculture: The Case of Livestock Diseases in Punjab**  
Muhammad Ashfaq, University of Agriculture, Faisalabad
4. **Allocative Inefficiency, Tenure Systems and Poverty in Irrigated Agriculture in Pakistan**  
Ariel Dinar, University of California-Riverside, USA (Ph.D. student, Sanval Nasim
5. **The Size and Nature of Informal Entrepreneurship in Pakistan and How to Tackle It**  
Muhammad Shehryar Shahid, University of Central Punjab, Lahore
6. **An Assessment of Skill Gaps Among University Graduates for Employability and Performance in Industries Situated in the Gujrat-Sialkot-Gujranwala Industrial Cluster**  
Atif Ali Jaffri, University of Gujrat, Hafiz Hayat Campus
7. **What Determines Farmers' Response towards Adopting New Technology in KP?**  
Shahnaz Akhtar, KP Agricultural University, Peshawar
8. **Maximizing Farm Income and Other Livelihood Opportunities through Introduction of High Value Minor Crops in District Swat**  
Hassan Sher, University of Swat

**9. Enhancing Water Productivity by Using Feasible Efficient Irrigation Techniques**

Allah Bakhsh, University of Agriculture, Faisalabad

**10. Integrating Rural Urban Linkages for Regional Development in the Province of Sind: A Cluster Based Approach**

Noman Saeed, Applied Economics Research Centre, University of Karachi

**11. Tax Policy Research to Support a New Framework for Sustained Economic Growth of Pakistan**

Daniyal Aziz, Governance Institutes Network International, Islamabad

**12. An Essay on Consumption Hypotheses**

Khalid Khan, Lasbela University of Agriculture, Water and Marine Sciences, Quetta

**13. Batkhela (Malakand) Bazar: A Catalyst for Socio-Economic and Political Change**

Muhammad Ayub Jan, University of Peshawar

**14. Essays on the Political Economic Consequences of Pakistan's Linguistically Fractured Educational System**

John Willoughby, American University, Washington, DC, USA (Ph.D. student, Ms. Zehra Aftab)

**15. Agent-Based Modeling Simulations for Solving Pakistan's Urban Challenges**

Hilton Root, George Mason University, Fairfax, Virginia, USA (Ph.D. student, Ammar Anees Malik)

**16. Economic Growth and Protection of Life, Property and Contracts**

Shabib Haider Syed, Forman Christian College (A Chartered University), Lahore

**17. Estimating the Size and Operations of the Public Sector and its Impact on Wheat Markets in Pakistan: A Post-18th Constitutional Amendment Inquiry**

Vaqar Ahmed, Sustainable Development Policy Institute, Islamabad

**18. Structural Constraints on Public Goods Provision: Evidence from Pakistan**

Adeel Malik, Oxford University, UK (Ph.D. student, Rinchan Ali Mirza)

## Appendix 13: Agenda – Brazil Conference, August 2012



### IAAE's 28th Triennial Conference (August 18-24, 2012)

SATURDAY, AUGUST 18, 2012

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9:00 AM-5:00 PM

#### Pre-Conference Workshops

Innovations in Impact Assessment of Agricultural Research Theory and Practice

Innovative Institutions, Public Policies, and Private Strategies for Inclusive Agro-Enterprise Development

Roadmap for Integrating New Regional Agricultural Markets Into AGMEMOD Model

The Changing Interface Between Public and Private Standard Setting: Implications for Sustainability In Food Supply Chains

MONDAY, AUGUST 20, 2012

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1:15 PM-3:15 PM

Foresight and Priority Assessment for Targeting International Agricultural Development Initiatives

Technological Adoption and Agricultural Development: Meeting the Food Security Challenge in Africa

Agricultural Transformation in India

Assessing the Impacts of Agricultural R&D in a Global Bio-Economy

Challenges in Assessing and Valuing Drought Tolerance in Complex, Diverse and Risk-Prone Agricultural Systems

Factors Affecting Consumer Food Demand and Food Safety: China and the World

Improving Agricultural Statistics From Household Surveys Through Methodological Validation and Research

Improving the Returns to Agricultural Research in Sub-Saharan Africa: Financing, Organizing, and Capacitating National Systems

Input Promotion Programs in Africa: What Works, What Doesn't, and Why?

Matching Agricultural Policies to Development Needs

Rural Poverty in Brazil: Progress, Policy, and Lessons

The Emerging Role of Europe and Central Asia in Global Food Security: Promise and Concern

The European Union's Common Agricultural Policy After 2013: What Is Happening, What Is Likely to Happen, and Why.

The New Latifundia? Understanding the Social Impacts of Contemporary Super-Large Farms

WTO Disciplines on Agriculture Support - Do They Matter?

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WEDNESDAY, AUGUST 22, 2012

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11:00 AM-1:00 PM

Agricultural Productivity: An International Perspective

Bioethanol: Taking Stock, Looking Ahead: Natural Resources and Sustainability, Policies and Technology

Challenges in Assessing and Developing Seed Systems in Emerging Markets: Lessons From Contrasting Case Studies

Expanding the Roles of Index Insurance: Experiences and Speculations

Experimental Methods for Pro-Poor Value Chain Development: Experiences From Developing Countries

From Protection to Production: The Role of Cash Transfer Programmes in Fostering Broad-Based Economic Development

Government Policy Responses in Latin America During the World Food Crisis: What Worked and What Didn't?

Impact Pathway of Modern ICT On Agricultural Growth in South Asia and Africa

Innovations in Methodologies for Analyzing the Gender Asset Gaps in Agriculture

Rural Innovation and Diversification: Analytical and Policy Insights

The Challenges of Segregation Between GM and Non GM Crops Along the Food Supply Chain

The Economics of Managing Climate Change Risk in Agricultural Systems:

The Microeconomic Effects of Grain Marketing Boards on Farm Households in Sub-Saharan Africa:  
Modeling Challenges, Empirical Evidence, and Implications for Research & Policy

Trust in Food: Comparisons Across Contexts and Methods

Understanding the Drivers Behind Global Land Use Change

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## THURSDAY, AUGUST 23, 2012

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1:45 PM-2:45 PM

Development Under Climate Change in the Nations of the Zambeze River Basin

Improving Investments In Agriculture

1:45 PM-3:45 PM

Bio-Economic Modeling to Assess Options for Enhancing Agricultural Development and Food  
Security Under Climate Change in the Developing World

Can Brazil Feed the World in a Sustainable Way?

Cities and Rural Growth, Poverty and Inequality in Latin America

Economic and Policy Issues in Chinese and Russian Agriculture

Gender, Public Health and Nutritional Impacts From the Adoption of Genetically Engineered Crops:  
Experiences From Developing Countries

Inclusion of Small-Scale Actors in the LAC Bioeconomy

Information and Consumer Acceptance

Poverty-Environment Linkages In Tropical Forest Bioeconomies: Evidence From Global Data

Private Sector Investment in Research and Development in the Global Bio-Economy

Symposium on Water and Bioeconomy

The Formation of Aspirations and Their Influence on Farmers' Investment and Welfare in  
Developing Countries



What to Do about Food Prices? Tame the Markets, Control Appetites or Crank up Production?

2:45 PM-3:45 PM

Beyond the Arab Spring: Improving Food Security and Resilience to Conflict

Understanding the Drivers of Sustainable Intensification of Smallholder Agriculture in Eastern and Southern Africa

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## FRIDAY, AUGUST 24, 2012

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10:30 AM-12:15 PM

### Plenary Sessions

Plenary 6: Markets Versus State: A NEW Regulatory Approach for the BIO-Economy ?

12:15 PM-1:00 PM

Closing

2:30 PM-6:30 PM

### Pre- and Post-Conference Workshops

Agricultural Productivity Growth and Poverty Reduction

## Appendix 14: Summary of PSSP Press & Media Coverage FY 2012

Sr. No	Activity/Event	Event/Coverage Date	Title of the press release/activity	Print media coverage	Electronic Media Coverage
1.	Newspaper Article by Sohail J. Malik	October 25, 2011	"Counting Poverty"	<ul style="list-style-type: none"> <li>The News (Eng)</li> </ul>	N/A
2	"Building Capacity for Writing More Effective Research Proposals" A Training Seminar by The Pakistan Strategy Support Program	May 25, 2012	Proposal Writing Training Convened	<ul style="list-style-type: none"> <li>Pakistan Business Recorder</li> <li>Pakistan Today</li> </ul>	N/A
3	"Increasing Productivity and Unleashing Growth in Pakistan" - Supporting the GoP's Framework for Economic Growth through USAID Funded Research Grants	May 26 – 27, 2012	Increasing Productivity and Unleashing Growth in Pakistan (Multiple Titles)	<ul style="list-style-type: none"> <li>The News (Islamabad)</li> <li>The News (Karachi)</li> <li>Dawn (Islamabad)</li> <li>Pakistan Business Recorder</li> <li>Pakistan Today</li> <li>The Nation</li> <li>Pakistan Observer</li> <li>Daily Times</li> <li>Khabrain (Urdu)</li> <li>Jinnah (Urdu)</li> </ul>	<ul style="list-style-type: none"> <li>PTV News Bulletin at 7:00 p.m</li> <li>A News (ATV News) News Bulletin</li> <li>ARY News</li> </ul>
4	Consultative Workshop with Baluchistan Department of Agriculture and PARC on the proposal for "Science and Innovation in Agriculture in Pakistan" program	June 5, 2012	PARC for science-based decisions in agriculture	<ul style="list-style-type: none"> <li>The Nation</li> <li>Independent News</li> <li>Jung (Urdu)</li> </ul>	N/A
5	Competitive Grants Program	June 7, 2012	Research Grants Award Ceremony	<ul style="list-style-type: none"> <li>The News (Islamabad)</li> <li>Dawn (Islamabad)</li> <li>Daily News</li> </ul>	PTV World PTV News ATV News CNBC Pakistan

				<ul style="list-style-type: none"> <li>• National Herald Tribune</li> <li>• Express Tribune</li> <li>• Daily Times</li> <li>• The Nation</li> <li>• Pakistan Business Recorder</li> <li>• Pakistan Today</li> <li>• Pakistan Observer</li> <li>• Khabrain (Urdu) Jinnah (Urdu)</li> </ul>	ARY News Dunya TV Samaa TV Waqat TV Sohni Dharti
6	Competitive Grants Program	June 14, 2012	Shaping a Policy Research Agenda – Radio Talk Show	N/A	FM 101
7	Workshop on gender empowerment, home and life improvement – University of Agriculture Faisalabad (UAF)	July 2, 2012	Gender empowerment, home and life improvement	The News	N/A
8	Interview with the out-going US Ambassador Cameron Munter	July 24, 2012	Research will help lay the foundations to the growth of Pakistan's economy	<ul style="list-style-type: none"> <li>• All Voices</li> <li>• The Nation</li> </ul>	N/A
9	Competitive Grants Program	September 23, 2012	CGP, Call for Proposals - Advertisement	<ul style="list-style-type: none"> <li>• The News</li> <li>• Dawn</li> <li>• Jang (Urdu)</li> </ul>	N/A
10	Competitive Grants Program	September 26, 2012	PSSP invites proposals for 2nd competitive grants program	<ul style="list-style-type: none"> <li>• The News</li> <li>• Business Recorder</li> <li>• Pakistan Observer</li> </ul>	N/A